

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017165.D
 Acq On : 17 Oct 2018 12:49
 Operator : MJ/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 17 13:29:34 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 12:15:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	230971	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1010300	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	593810	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1345194	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1532365	20.00	ng	0.00
87) Perylene-d12	23.47	264	1540462	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1670191	145.28	ng	0.00
7) Phenol-d6	6.86	99	2311202	141.21	ng	0.00
23) Nitrobenzene-d5	8.83	82	2261299	133.32	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1002344	119.89	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	5291137	115.34	ng	0.00
79) Terphenyl-d14	19.70	244	8152277	120.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	392417	78.511	ng	88
3) Pyridine	3.65	79	909164	80.548	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	373491	97.842	ng	# 74
6) Aniline	7.02	93	1457622	75.464	ng	97
8) 2-Chlorophenol	7.25	128	983639	64.824	ng	97
9) Benzaldehyde	6.83	77	593165	60.097	ng	94
10) Phenol	6.88	94	1224158	71.279	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	967407	69.243	ng	99
12) 1,3-Dichlorobenzene	7.56	146	1089665	59.793	ng	97
13) 1,4-Dichlorobenzene	7.71	146	1112556	59.544	ng	97
14) 1,2-Dichlorobenzene	8.02	146	1082181	58.756	ng	98
15) Benzyl Alcohol	7.92	79	891843	79.157	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	1296081	66.894	ng	99
17) 2-Methylphenol	8.12	107	811871	67.339	ng	98
18) Hexachloroethane	8.74	117	391244	55.695	ng	95
19) n-Nitroso-di-n-propylamine	8.49	70	795431	75.498	ng	97
20) 3+4-Methylphenols	8.45	107	1115658	67.435	ng	98
22) Acetophenone	8.50	105	1548640	64.287	ng	# 99
24) Nitrobenzene	8.87	77	1161056	67.697	ng	94
25) Isophorone	9.40	82	1845739	72.713	ng	98
26) 2-Nitrophenol	9.57	139	529857	70.146	ng	97
27) 2,4-Dimethylphenol	9.64	122	799021	67.442	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	1233464	67.839	ng	99
29) 2,4-Dichlorophenol	10.10	162	947525	66.234	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	1058078	58.737	ng	100
31) Naphthalene	10.50	128	2976428	59.850	ng	99
32) Benzoic acid	9.80	122	652046	78.942	ng	92
33) 4-Chloroaniline	10.62	127	1362898	68.483	ng	98
34) Hexachlorobutadiene	10.78	225	653767	56.371	ng	99
35) Caprolactam	11.42	113	340787	75.412	ng	98
36) 4-Chloro-3-methylphenol	11.75	107	1067600	70.874	ng	97
37) 2-Methylnaphthalene	12.12	142	2108760	63.703	ng	98
38) 1-Methylnaphthalene	12.34	142	2039392	63.035	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1242486	55.924	ng	99

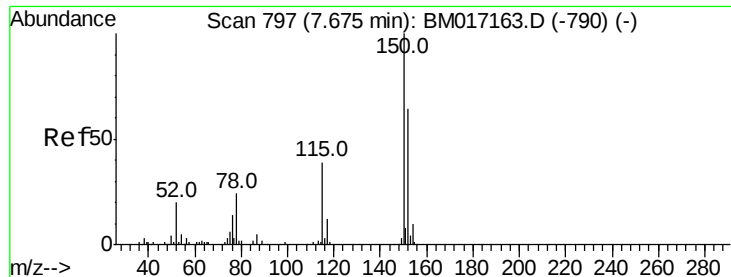
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	672171	61.812	ng	100
43) 2,4,6-Trichlorophenol	12.74	196	792111	65.489	ng	99
44) 2,4,5-Trichlorophenol	12.81	196	838505	63.778	ng	97
46) 1,1'-Biphenyl	13.15	154	3204795	59.111	ng	100
47) 2-Chloronaphthalene	13.19	162	2387355	59.097	ng	99
48) 2-Nitroaniline	13.40	65	688517	87.281	ng	99
49) Acenaphthylene	14.04	152	3564984	61.480	ng	100
50) Dimethylphthalate	13.79	163	2827448	62.441	ng	99
51) 2,6-Dinitrotoluene	13.90	165	642024	64.071	ng	98
52) Acenaphthene	14.38	154	2162980	59.469	ng	98
53) 3-Nitroaniline	14.23	138	706168	68.990	ng	95
54) 2,4-Dinitrophenol	14.44	184	337366	73.569	ng	98
55) Dibenzofuran	14.72	168	3528006	57.653	ng	100
56) 4-Nitrophenol	14.55	139	583850	67.953	ng	99
57) 2,4-Dinitrotoluene	14.69	165	883021	64.871	ng	98
58) Fluorene	15.37	166	2653555	58.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	768476	62.043	ng	99
60) Diethylphthalate	15.16	149	2874202	62.112	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	1494684	56.987	ng	97
62) 4-Nitroaniline	15.40	138	748044	72.337	ng	97
63) Azobenzene	15.66	77	2792267	64.143	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	532204	69.373	ng	94
66) n-Nitrosodiphenylamine	15.59	169	2567951	64.037	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	939115	62.043	ng	95
68) Hexachlorobenzene	16.37	284	1040150	57.072	ng	99
69) Atrazine	16.54	200	916873	70.976	ng	99
70) Pentachlorophenol	16.72	266	757094	62.407	ng	99
71) Phenanthrene	17.11	178	4345413	58.884	ng	100
72) Anthracene	17.20	178	4360235	63.415	ng	99
73) Carbazole	17.47	167	4455189	63.582	ng	100
74) Di-n-butylphthalate	18.04	149	4828110	69.096	ng	100
75) Fluoranthene	19.13	202	5097418	61.580	ng	98
77) Benzidine	19.32	184	2342393	109.551	ng	99
78) Pyrene	19.49	202	5374582	66.718	ng	100
80) Butylbenzylphthalate	20.41	149	2036451	88.025	ng	97
81) Benzo(a)anthracene	21.24	228	5196404	60.119	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	1998621	72.663	ng	99
83) Chrysene	21.30	228	5101557	59.739	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	3077870	77.414	ng	99
85) Di-n-octyl phthalate	22.06	149	5188812	76.096	ng	100
86) Indeno(1,2,3-cd)pyrene	25.70	276	5724053	55.665	ng	100
88) Benzo(b)fluoranthene	22.82	252	5211550	61.370	ng	99
89) Benzo(k)fluoranthene	22.86	252	5079458	59.467	ng	99
90) Benzo(a)pyrene	23.39	252	4924637	60.548	ng	99
91) Dibenzo(a,h)anthracene	25.71	278	4820127	57.282	ng	100
92) Benzo(g,h,i)perylene	26.38	276	4799007	57.802	ng	99

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

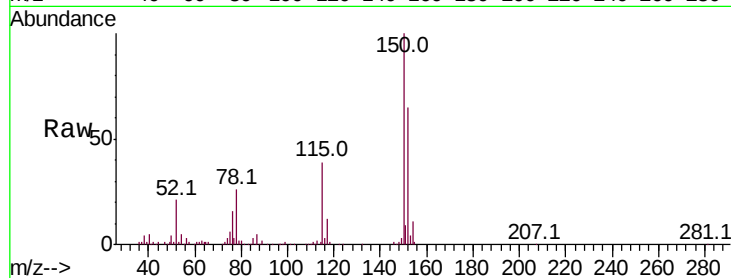


#1

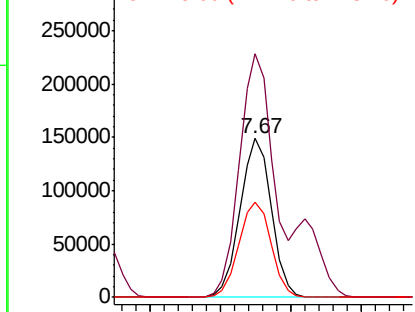
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Instrument :
BNA_M
ClientSampleId :

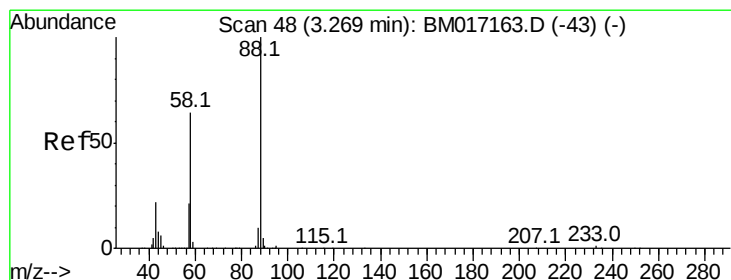
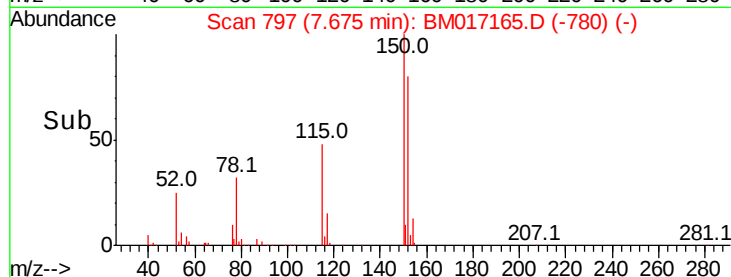
Tot Ion:152 Resp: 230971
Ion Ratio Lower Upper
152 100
150 153.5 124.3 186.5
115 60.1 48.1 72.1



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



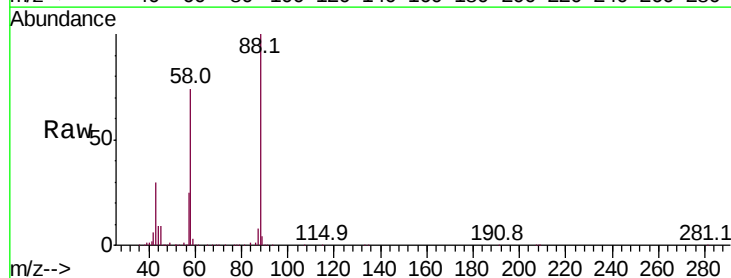
Time-->



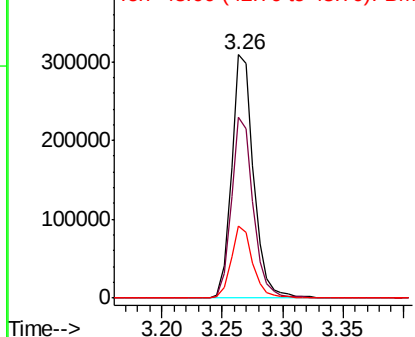
#2

1,4-Dioxane
Concen: 78.511 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

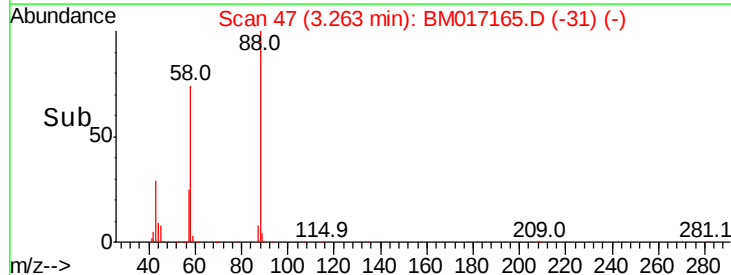
Tgt Ion: 88 Resp: 392417
Ion Ratio Lower Upper
88 100
58 73.4 50.2 75.4
43 28.6 19.3 28.9

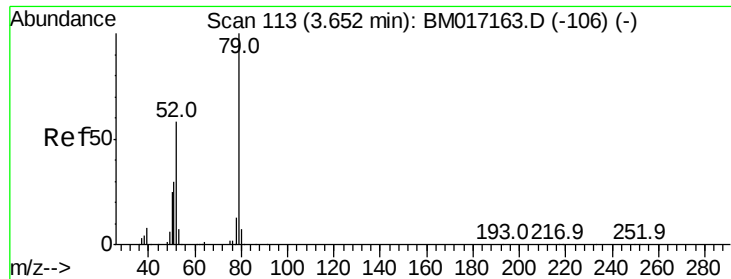


Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0



Time-->





#3

Pvridine

Concen: 80.548 ng

RT: 3.65 min Scan# 113

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

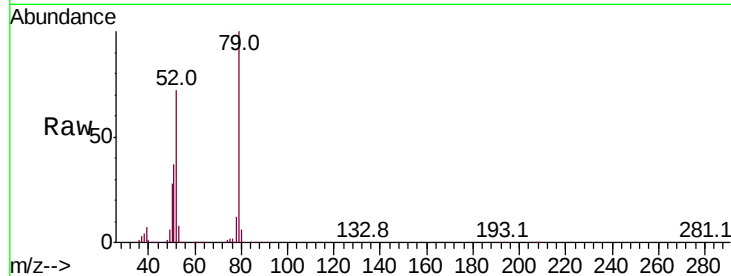
Tot Ion: 79 Resp: 909164

Ion Ratio Lower Upper

79 100

52 71.8 46.5 69.7#

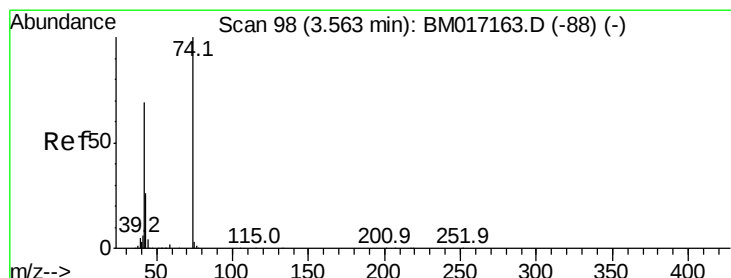
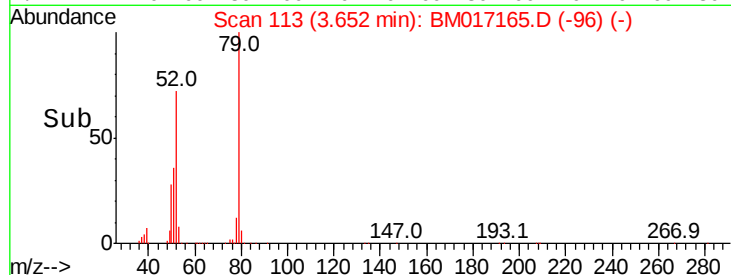
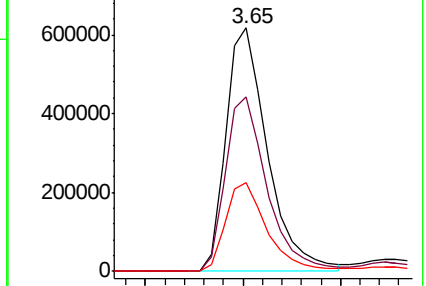
51 36.6 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017165.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017165.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017165.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 97.842 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

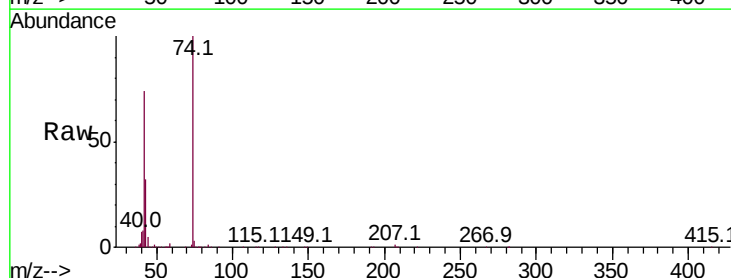
Tgt Ion: 42 Resp: 373491

Ion Ratio Lower Upper

42 100

74 134.9 114.4 171.6

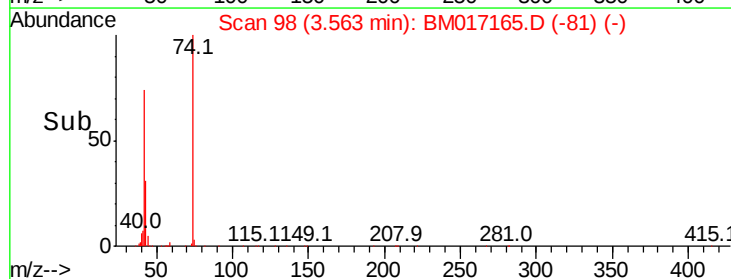
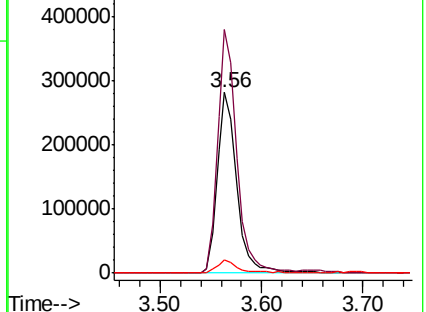
44 7.1 48.6 73.0#

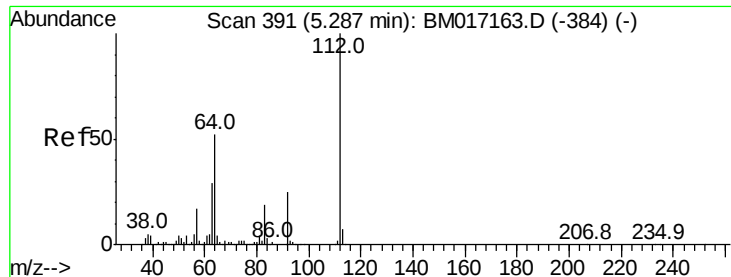


Abundance Ion 42.00 (41.70 to 42.70): BM017165.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017165.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017165.D (-88) (-)





#5

2-Fluorophenol

Concen: 145.280 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

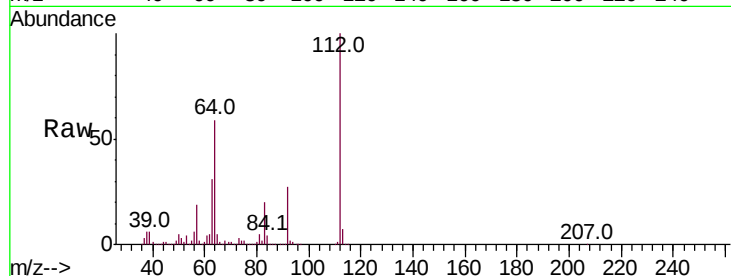
Tot Ion:112 Resp: 1670191

Ion Ratio Lower Upper

112 100

64 58.8 41.7 62.5

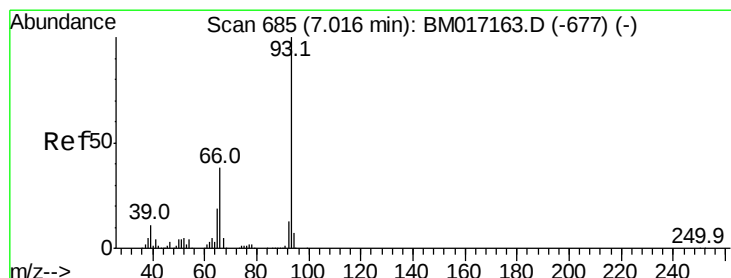
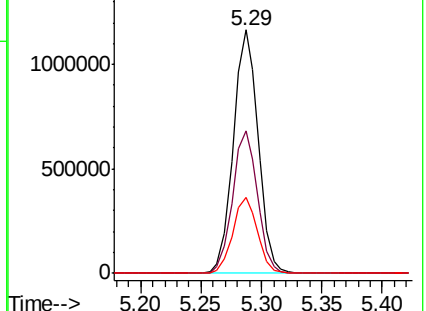
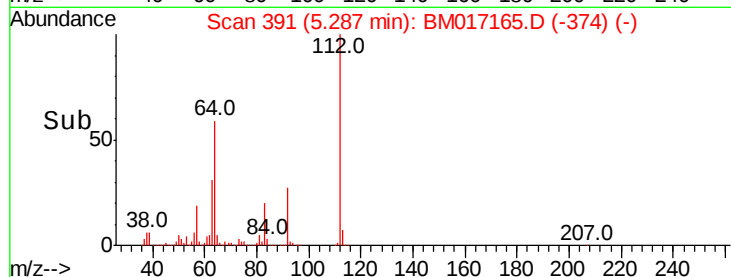
63 31.0 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 75.464 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

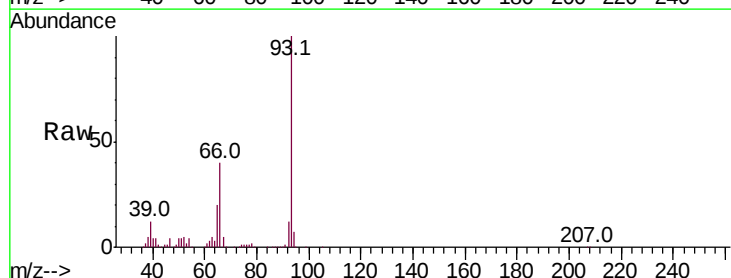
Tgt Ion: 93 Resp: 1457622

Ion Ratio Lower Upper

93 100

66 39.7 30.4 45.6

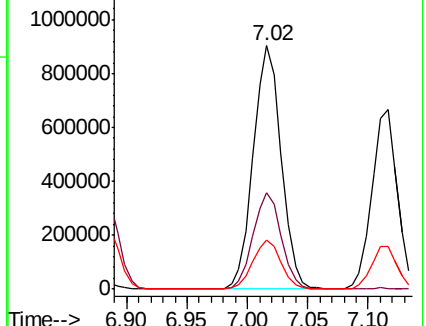
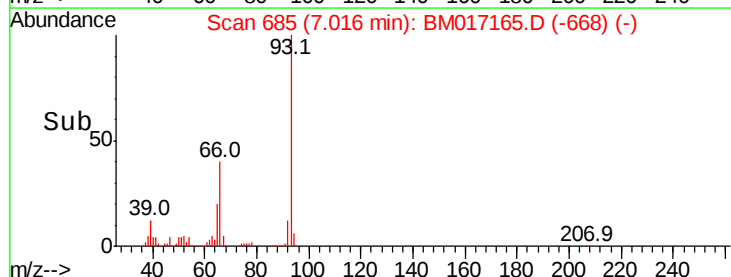
65 20.2 15.3 22.9

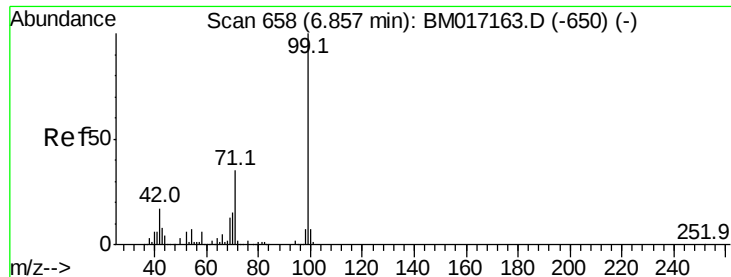


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 141.209 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

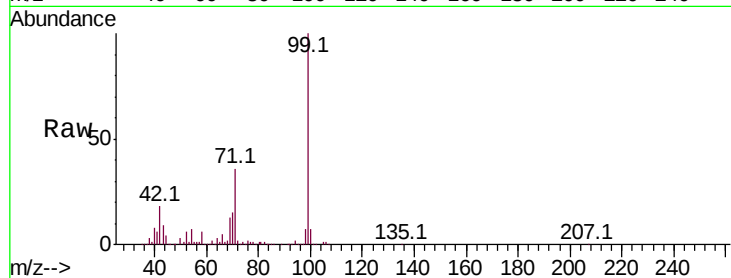
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2311202

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.3	19.9
71	36.2	28.0	42.0

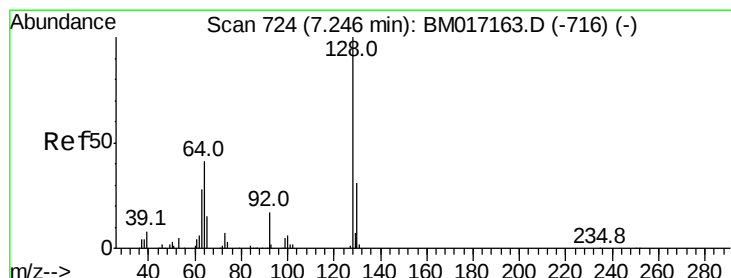
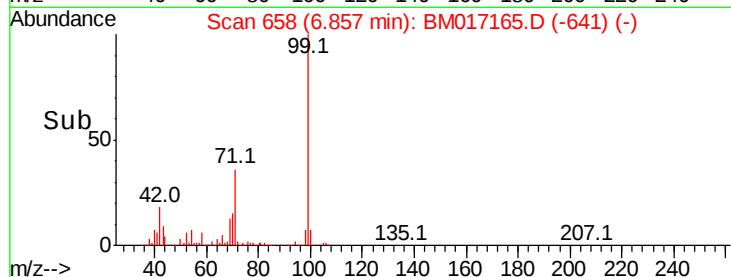
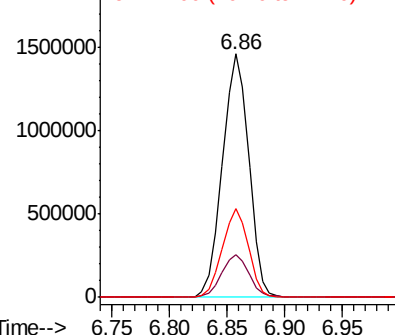


Abundance

Ion 99.00 (98.70 to 99.70): BM017165.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017165.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017165.D (-650) (-)



#8

2-Chlorophenol

Concen: 64.824 ng

RT: 7.25 min Scan# 724

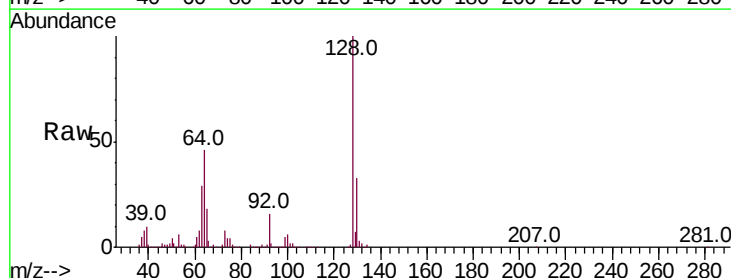
Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Tgt Ion: 128 Resp: 983639

Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.0	51.0
64	46.3	24.1	64.1

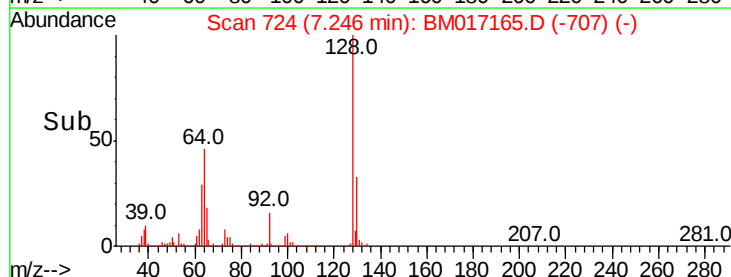
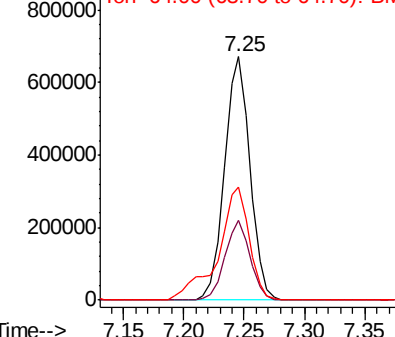


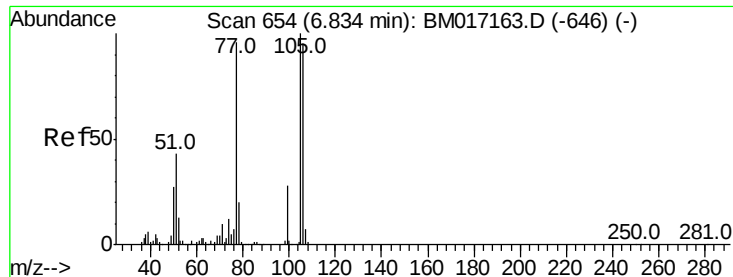
Abundance

Ion 128.00 (127.70 to 128.70): BM017165.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM017165.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM017165.D (-707) (-)





#9

Benzaldehyde

Concen: 60.097 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

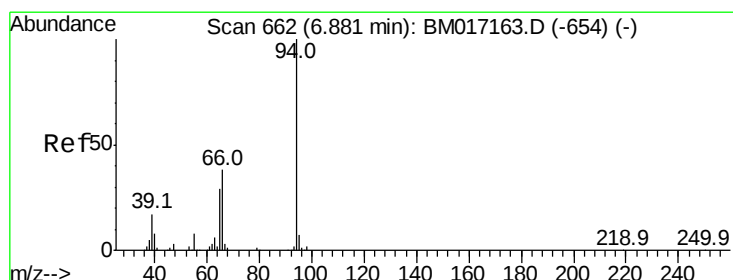
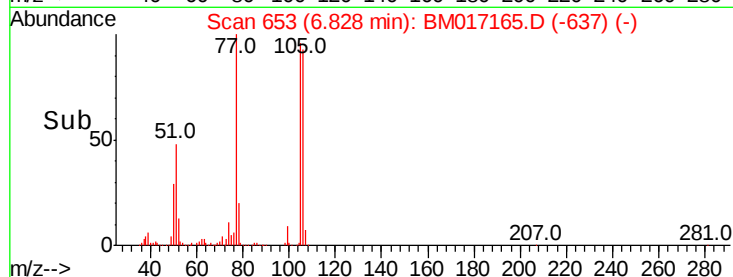
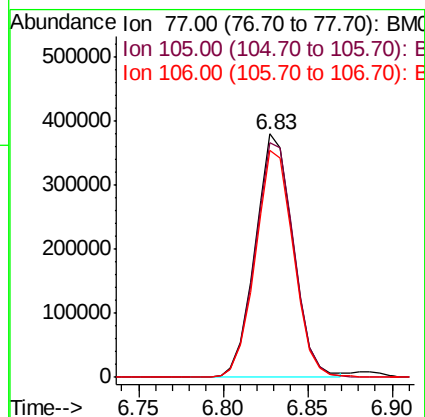
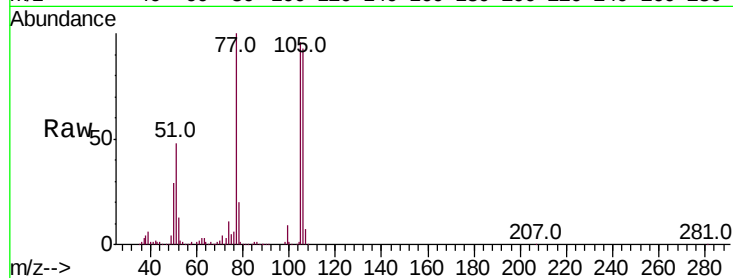
Tot Ion: 77 Resp: 593165

Ion Ratio Lower Upper

77 100

105 96.3 83.9 123.9

106 93.2 78.2 118.2



#10

Phenol

Concen: 71.279 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

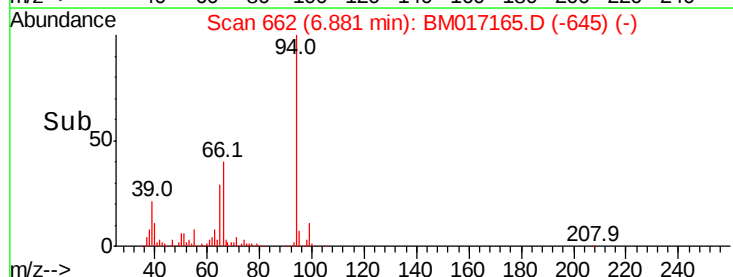
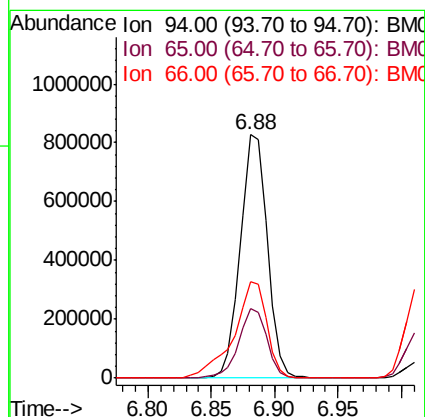
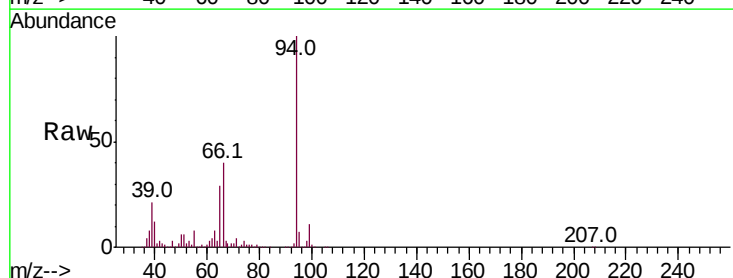
Tgt Ion: 94 Resp: 1224158

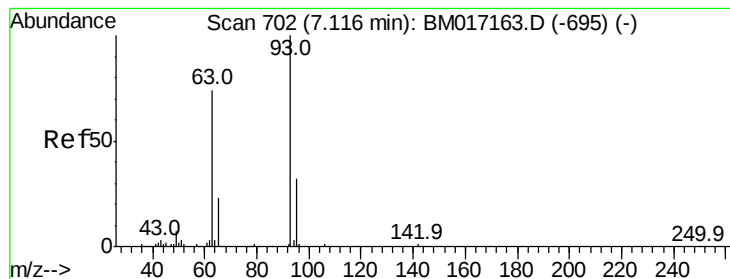
Ion Ratio Lower Upper

94 100

65 28.7 9.4 49.4

66 39.7 19.0 59.0





#11

bis(2-Chloroethyl)ether

Concen: 69.243 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

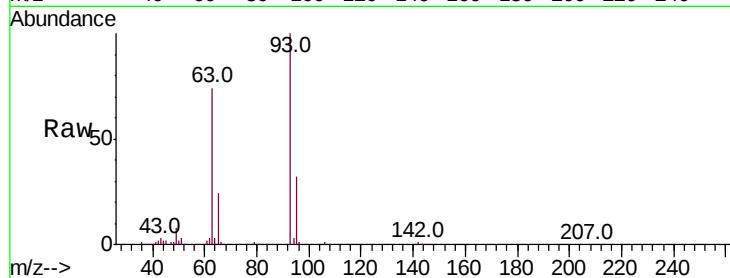
Tot Ion: 93 Resp: 967407

Ion Ratio Lower Upper

93 100

63 73.7 54.0 94.0

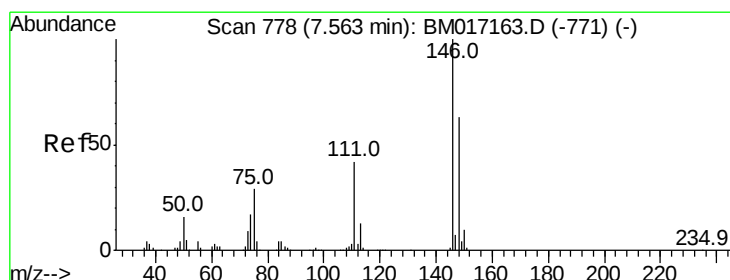
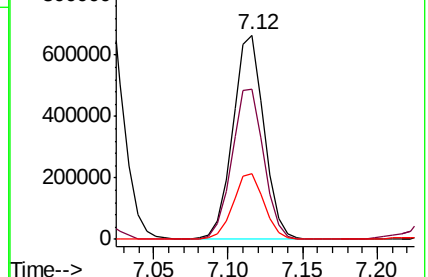
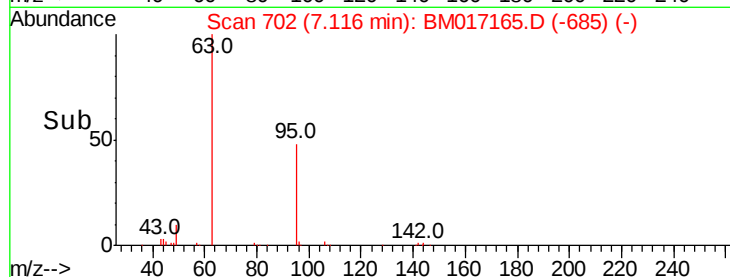
95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BM017165.D (-685) (-)

Ion 63.00 (62.70 to 63.70): BM017165.D (-685) (-)

Ion 95.00 (94.70 to 95.70): BM017165.D (-685) (-)



#12

1,3-Dichlorobenzene

Concen: 59.793 ng

RT: 7.56 min Scan# 778

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

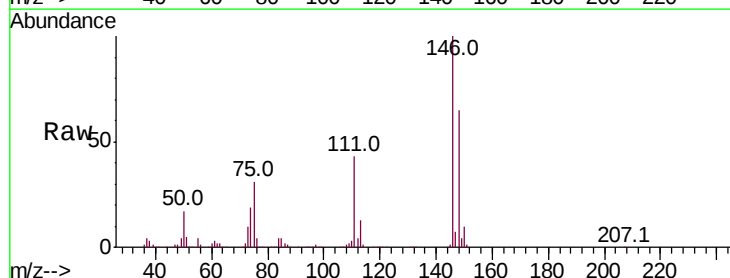
Tgt Ion: 146 Resp: 1089665

Ion Ratio Lower Upper

146 100

148 64.5 50.2 75.4

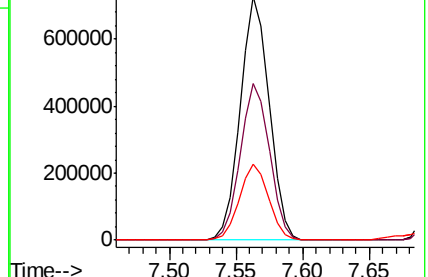
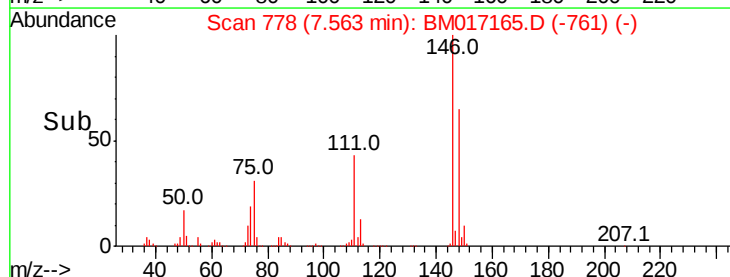
75 31.1 23.3 34.9

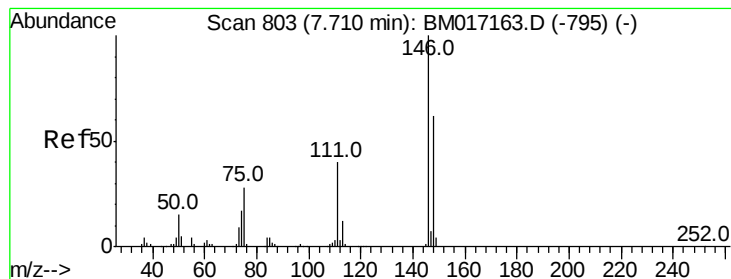


Abundance Ion 146.00 (145.70 to 146.70): BM017165.D (-761) (-)

Ion 148.00 (147.70 to 148.70): BM017165.D (-761) (-)

Ion 75.00 (74.70 to 75.70): BM017165.D (-761) (-)





#13

1,4-Dichlorobenzene

Concen: 59.544 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

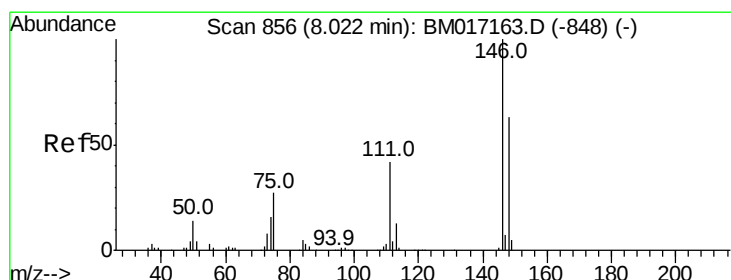
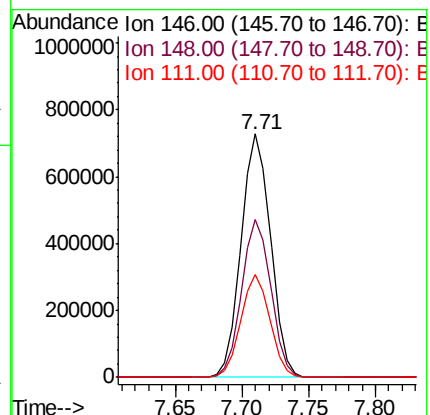
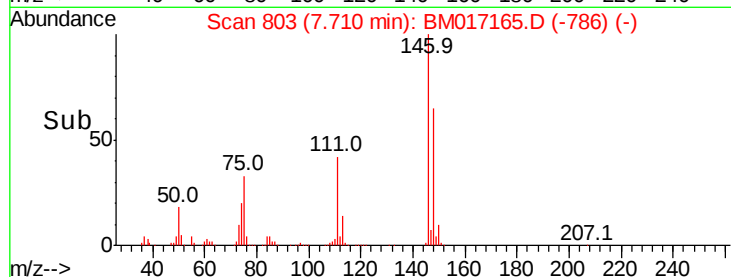
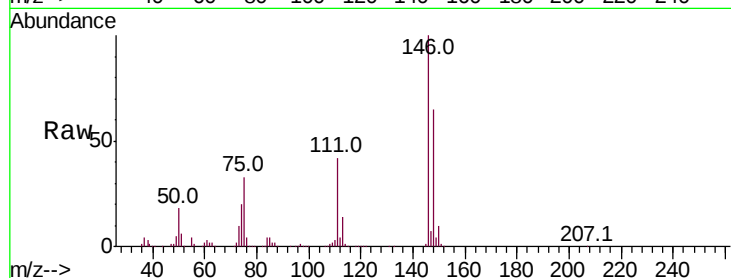
Instrument :

BNA_M

ClientSampled :

Tot Ion:146 Resp: 1112556

Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.8	74.6
111	42.1	32.1	48.1



#14

1,2-Dichlorobenzene

Concen: 58.756 ng

RT: 8.02 min Scan# 856

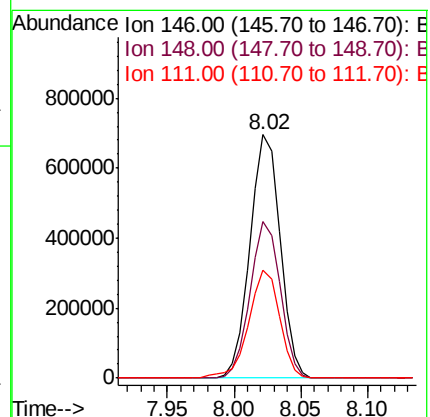
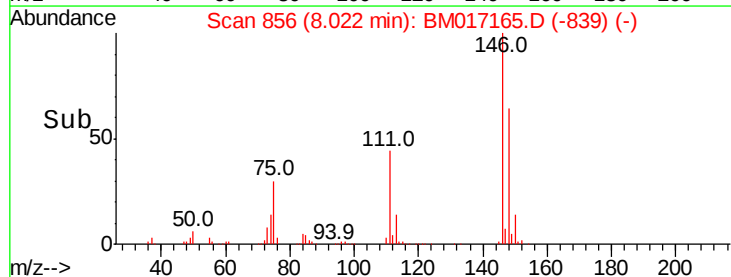
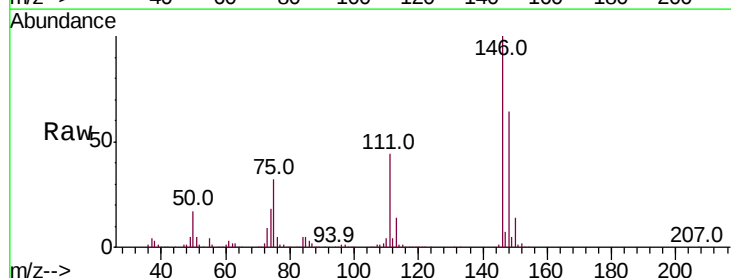
Delta R.T. -0.00 min

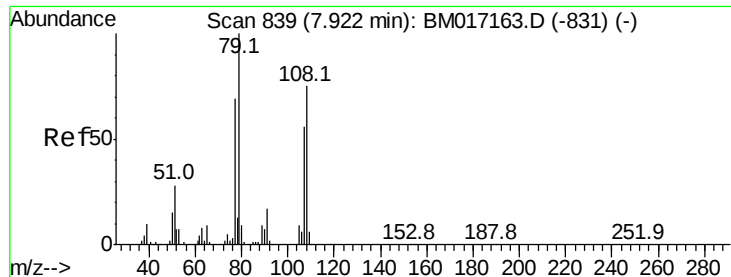
Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Tgt Ion:146 Resp: 1082181

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	44.1	33.8	50.6





#15

Benzyl Alcohol

Concen: 79.157 ng

RT: 7.92 min Scan# 839

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampled :

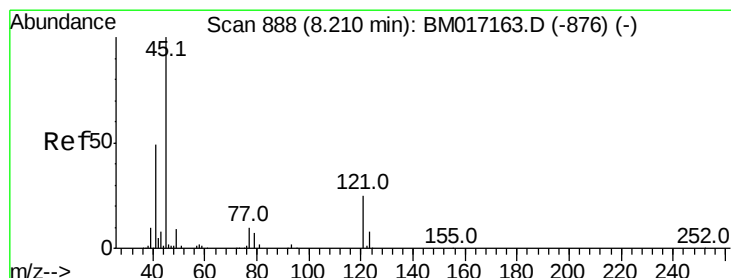
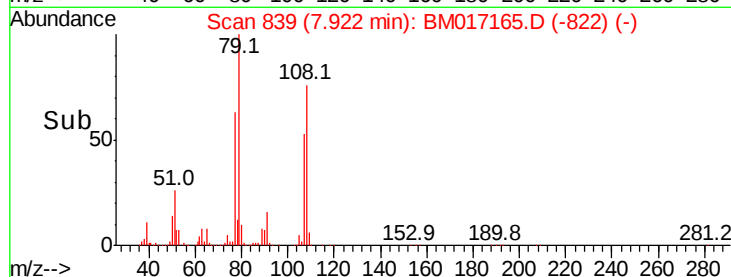
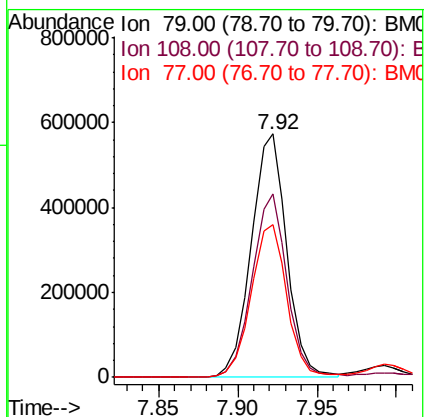
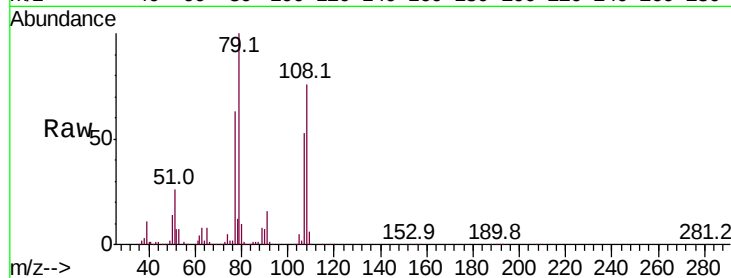
Tot Ion: 79 Resp: 891843

Ion Ratio Lower Upper

79 100

108 75.6 60.3 90.5

77 63.0 54.8 82.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 66.894 ng

RT: 8.21 min Scan# 888

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

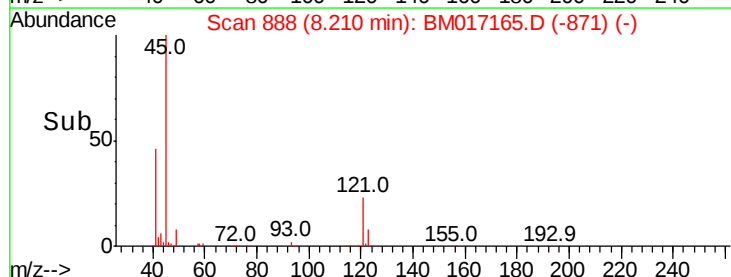
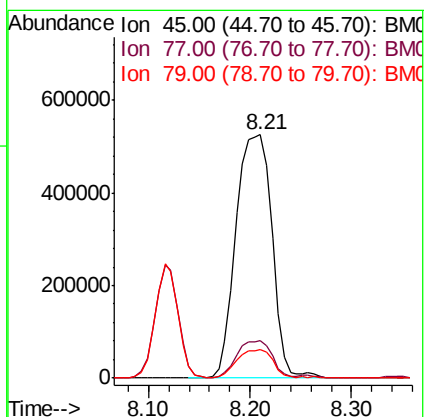
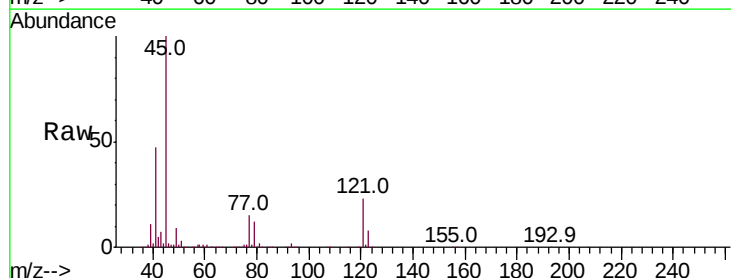
Tgt Ion: 45 Resp: 1296081

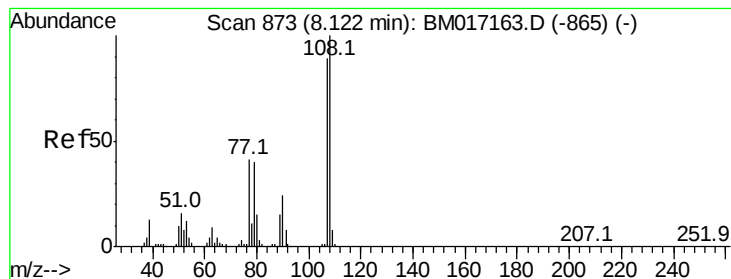
Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.5

79 11.9 0.0 32.1

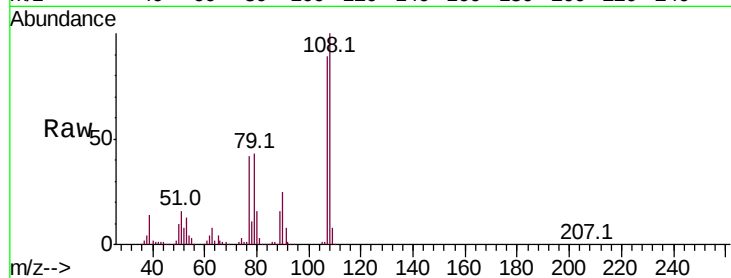




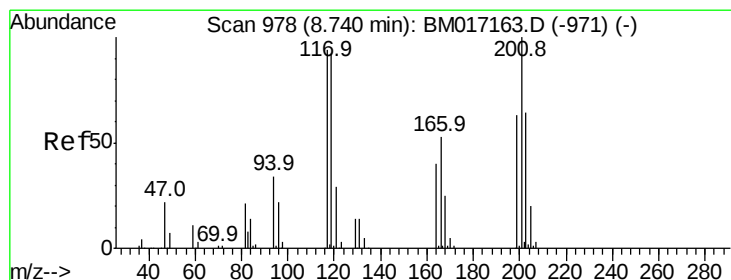
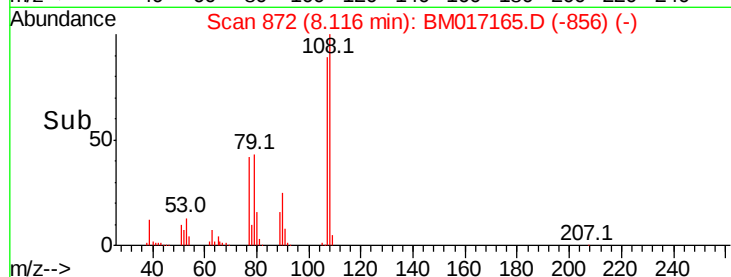
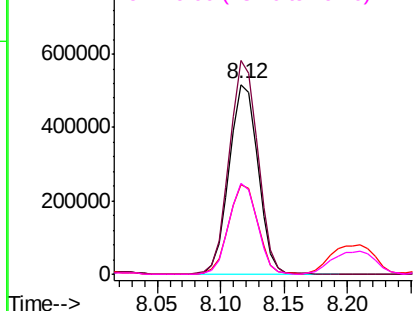
#17
2-Methylphenol
Concen: 67.339 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	811871
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.3	135.5
77	47.4	37.0	55.4
79	47.9	35.8	53.6

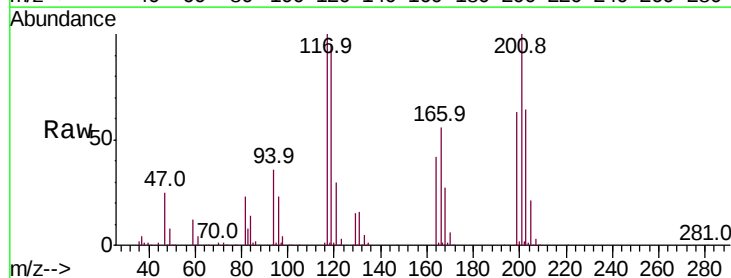


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

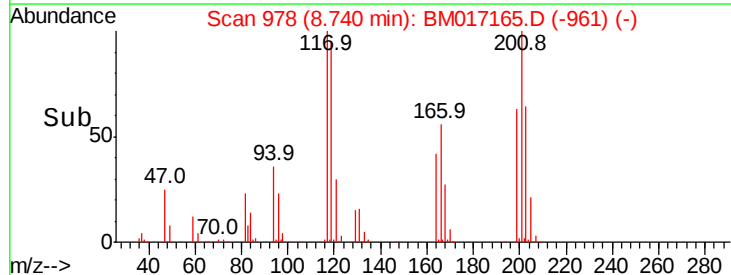
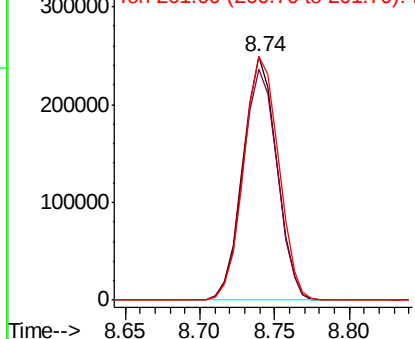


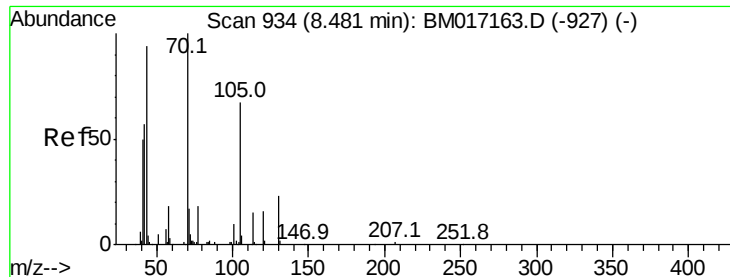
#18
Hexachloroethane
Concen: 55.695 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion:	117	Resp:	391244
Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.2	117.2
201	100.1	85.3	127.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

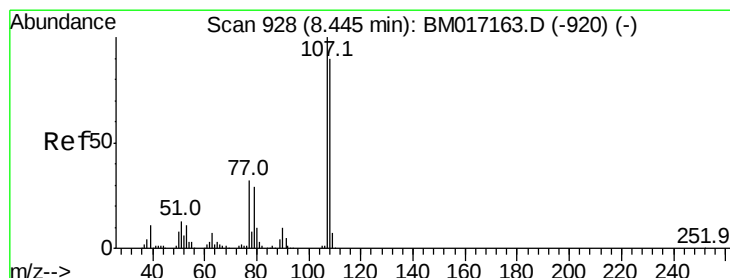
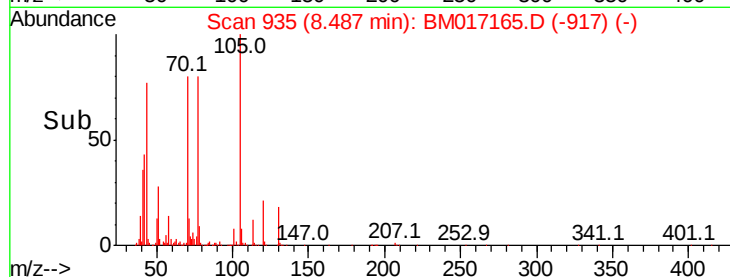
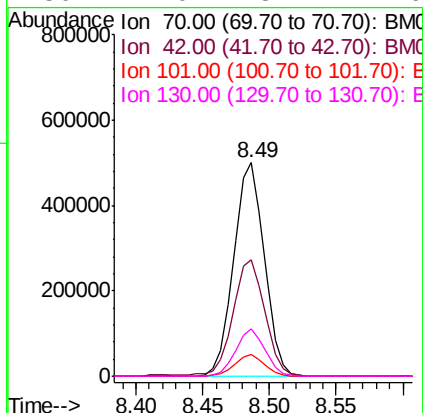
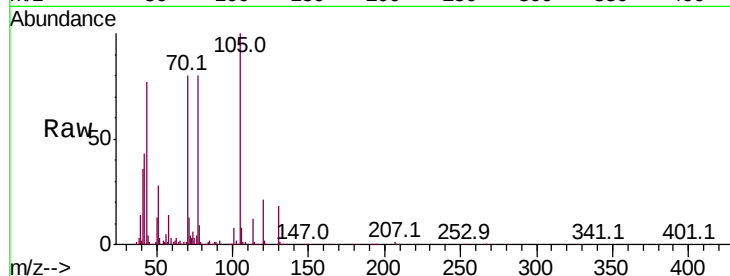




#19
n-Nitroso-di-n-propylamine
Concen: 75.498 ng
RT: 8.49 min Scan# 935
Delta R.T. 0.01 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

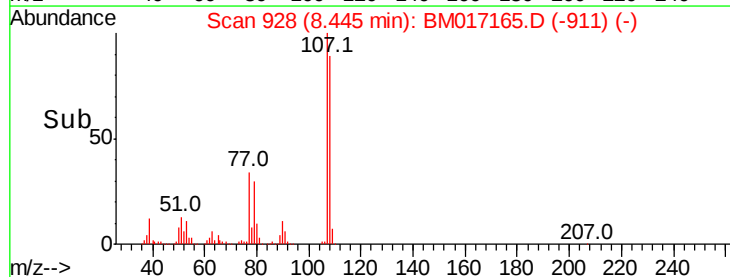
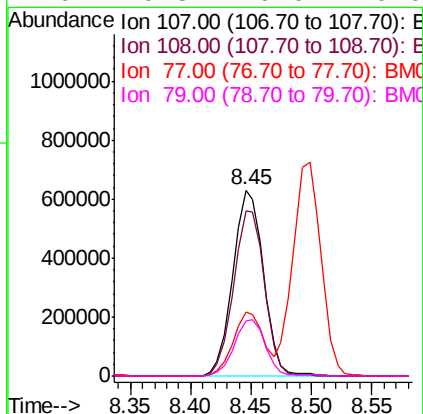
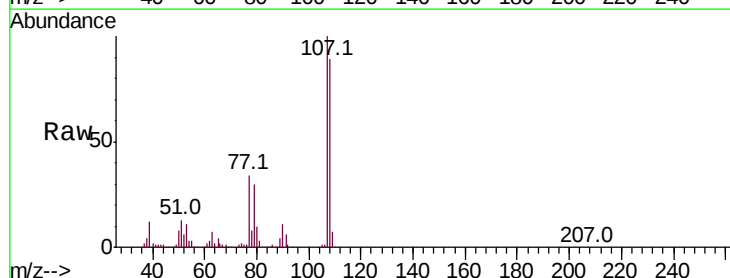
Instrument :
BNA_M
ClientSampleId :

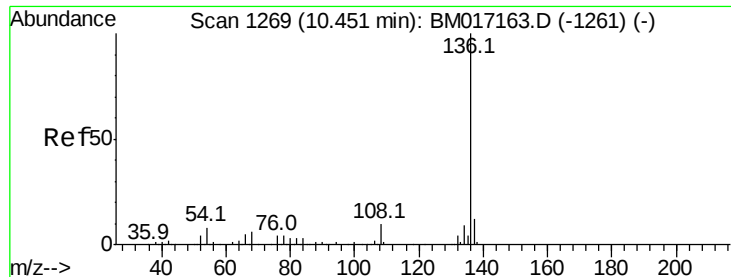
Tot Ion:	70	Resp:	795431
Ion	Ratio	Lower	Upper
70	100		
42	54.4	46.1	69.1
101	10.0	8.2	12.4
130	22.0	18.4	27.6



#20
3+4-Methylphenols
Concen: 67.435 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion:	107	Resp:	1115658
Ion	Ratio	Lower	Upper
107	100		
108	88.8	69.9	109.9
77	34.5	12.2	52.2
79	29.8	9.0	49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1010300

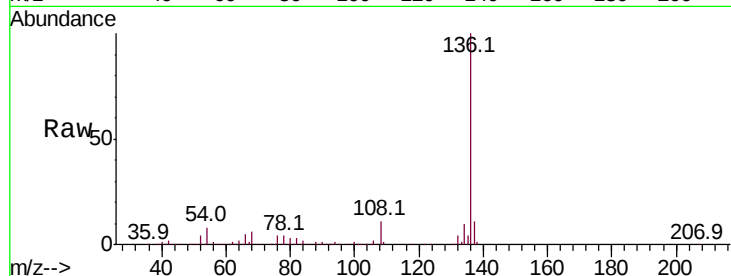
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.0	6.7	10.1
68	5.9	4.7	7.1

136 100

137 11.2 9.2 13.8

54 8.0 6.7 10.1

68 5.9 4.7 7.1

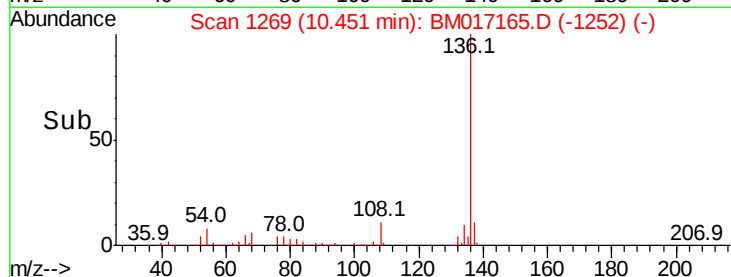


Abundance Ion 136.00 (135.70 to 136.70): E

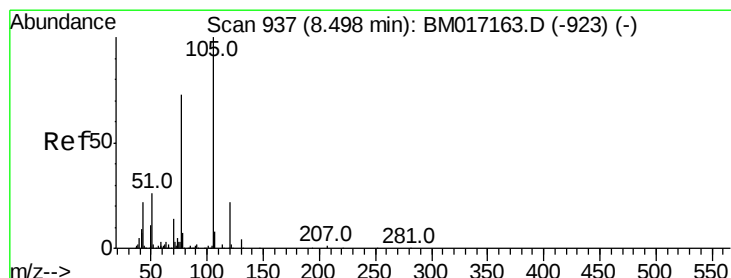
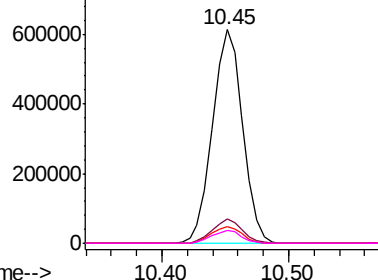
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#22

Acetophenone

Concen: 64.287 ng

RT: 8.50 min Scan# 937

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Tgt Ion:105 Resp: 1548640

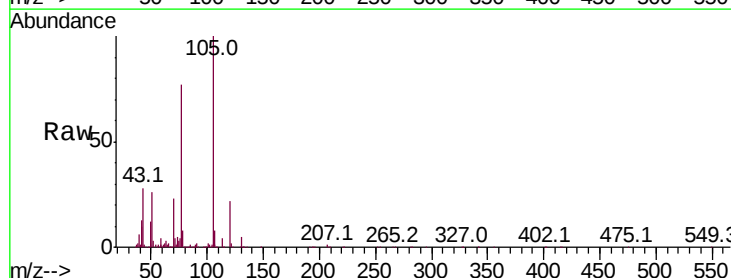
Ion	Ratio	Lower	Upper
105	100		
71	3.7	2.0	3.0#
51	26.2	20.6	31.0
120	22.3	17.5	26.3

105 100

71 3.7 2.0 3.0#

51 26.2 20.6 31.0

120 22.3 17.5 26.3

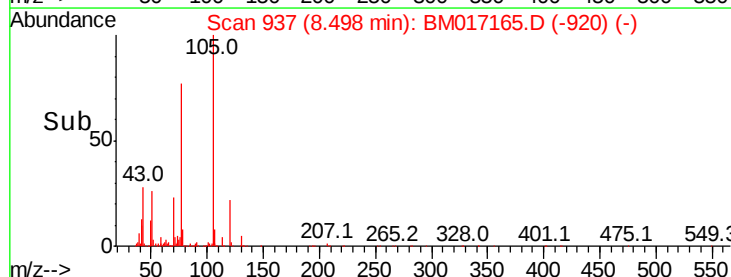


Abundance Ion 105.00 (104.70 to 105.70): E

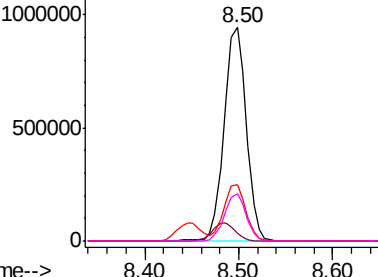
Ion 71.00 (70.70 to 71.70): BM

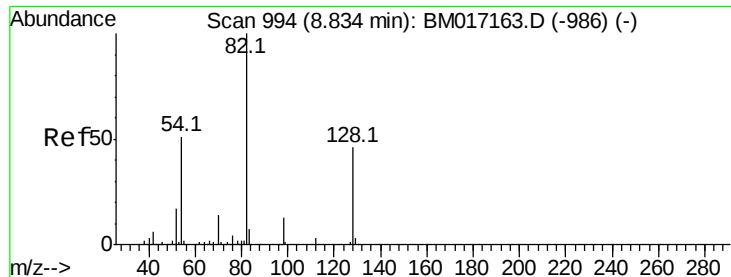
Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



Time-->

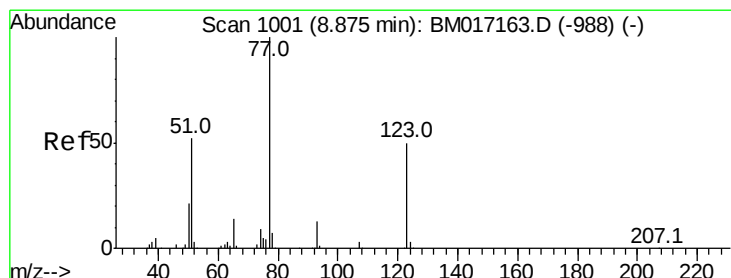
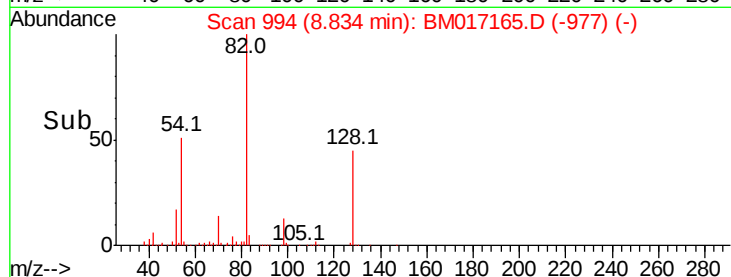
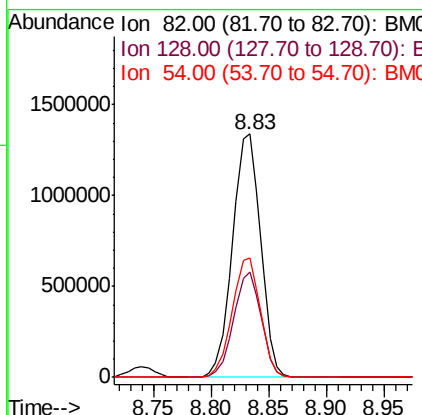
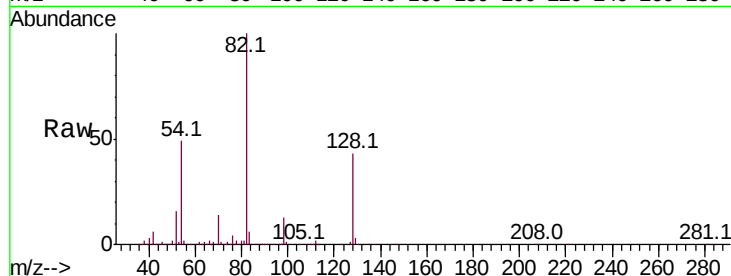




#23
Nitrobenzene-d5
Concen: 133.316 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

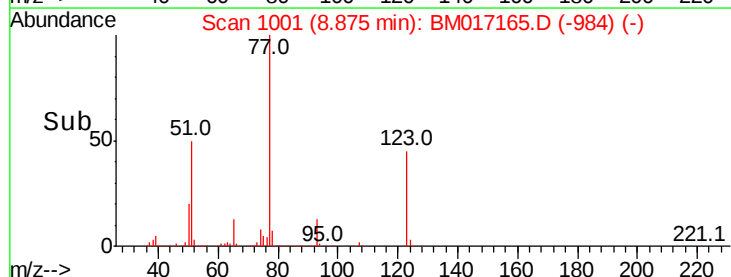
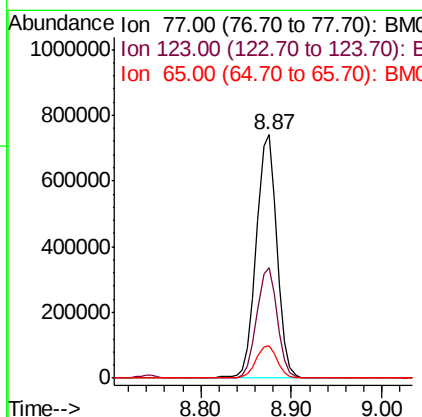
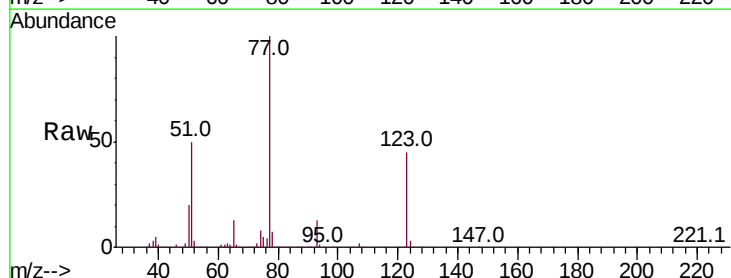
Instrument :
BNA_M
ClientSampleId :

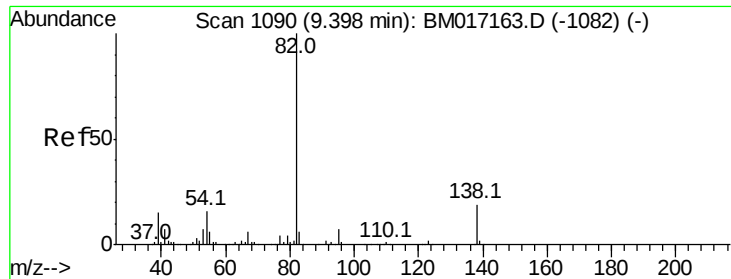
Tot Ion: 82 Resp: 2261299
Ion Ratio Lower Upper
82 100
128 43.3 37.0 55.6
54 49.0 40.7 61.1



#24
Nitrobenzene
Concen: 67.697 ng
RT: 8.87 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion: 77 Resp: 1161056
Ion Ratio Lower Upper
77 100
123 45.2 40.2 60.4
65 13.4 11.4 17.0

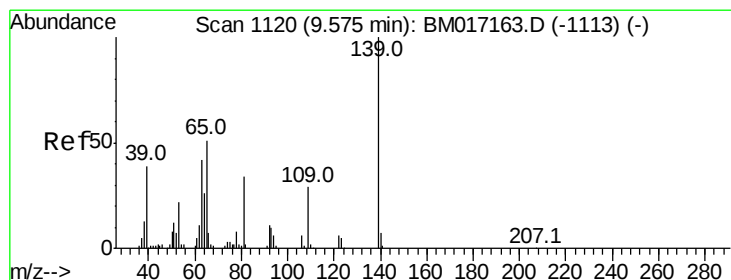
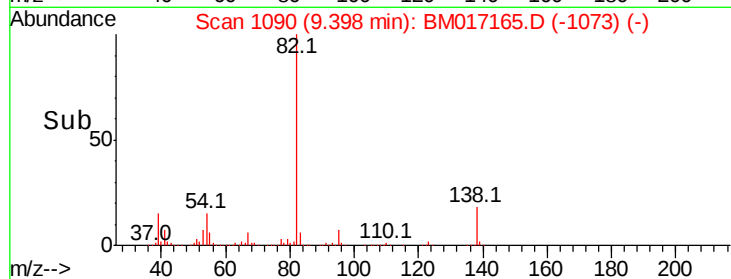
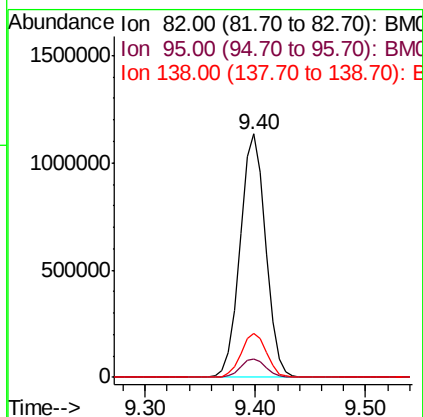
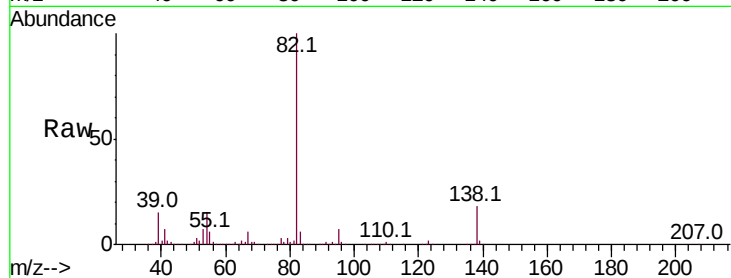




#25
Isophorone
Concen: 72.713 ng
RT: 9.40 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

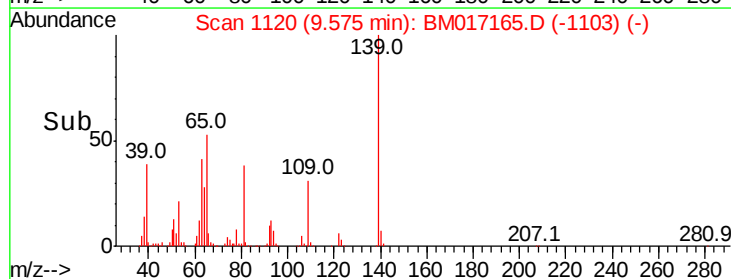
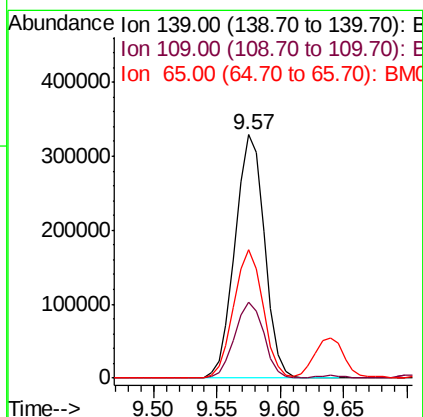
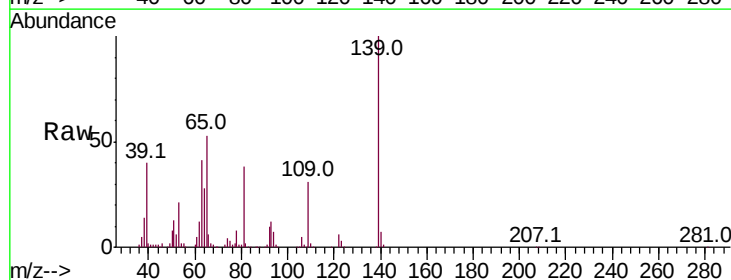
Instrument :
BNA_M
ClientSampleId :

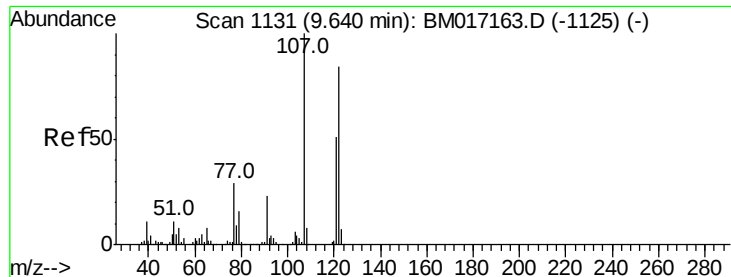
Tot Ion: 82 Resp: 1845739
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.0 15.4 23.2



#26
2-Nitrophenol
Concen: 70.146 ng
RT: 9.57 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion: 139 Resp: 529857
Ion Ratio Lower Upper
139 100
109 31.2 23.2 34.8
65 52.6 40.6 61.0





#27

2,4-Dimethylphenol

Concen: 67.442 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

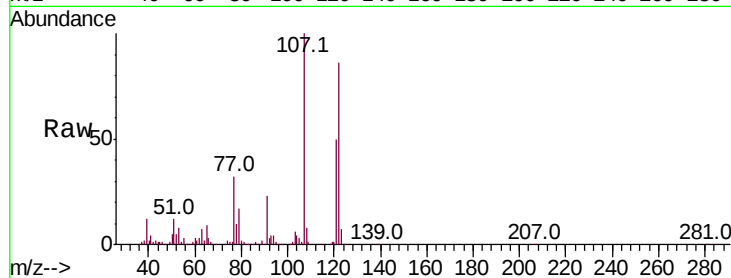
Tot Ion:122 Resp: 799021

Ion Ratio Lower Upper

122 100

107 116.7 95.0 142.6

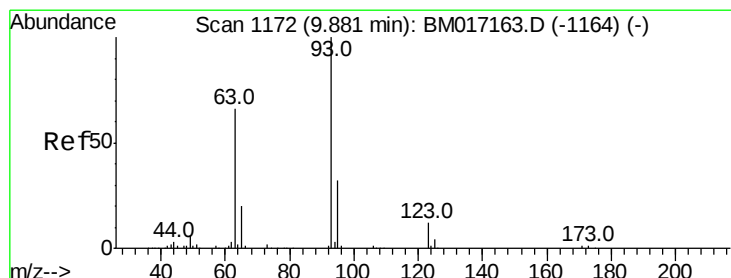
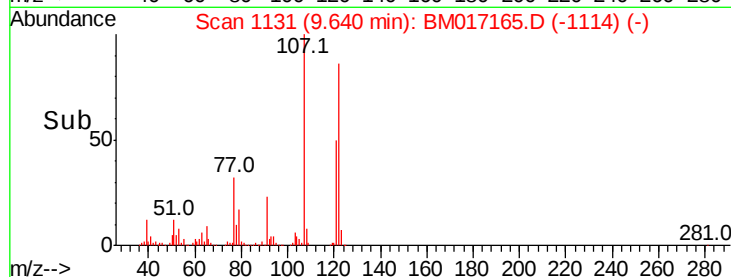
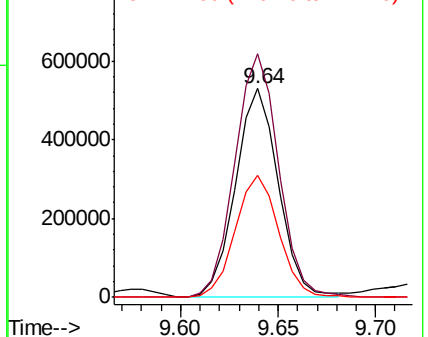
121 58.7 48.2 72.4



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: 67.839 ng

RT: 9.88 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

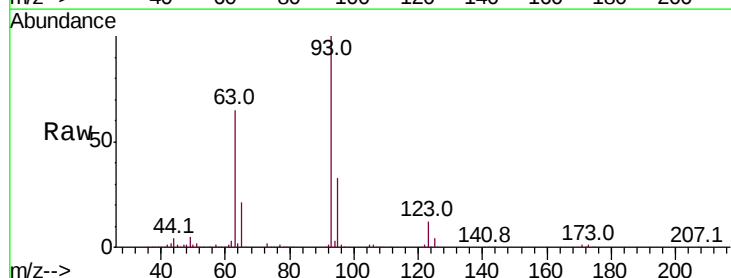
Tgt Ion: 93 Resp: 1233464

Ion Ratio Lower Upper

93 100

95 32.5 25.7 38.5

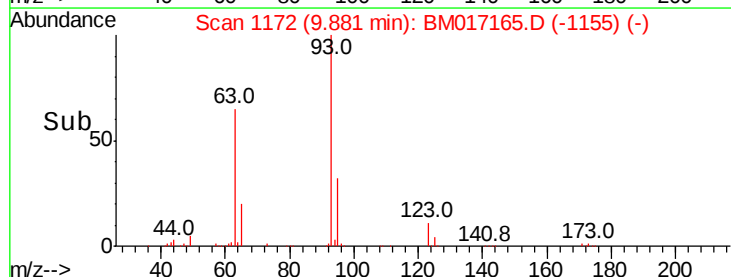
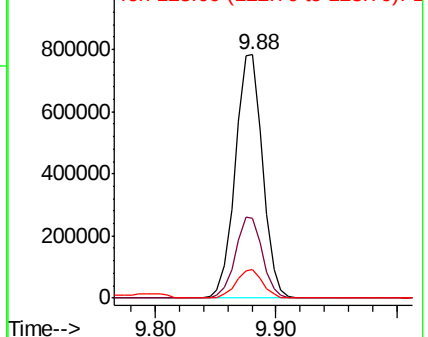
123 11.9 9.4 14.0

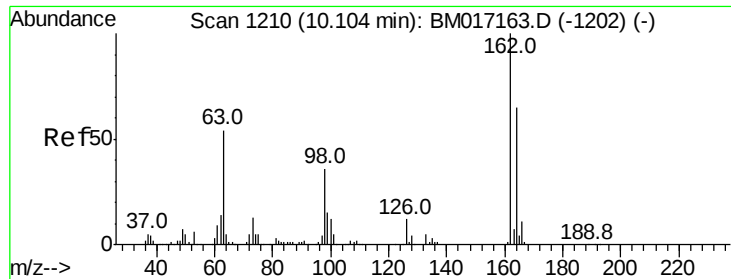


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

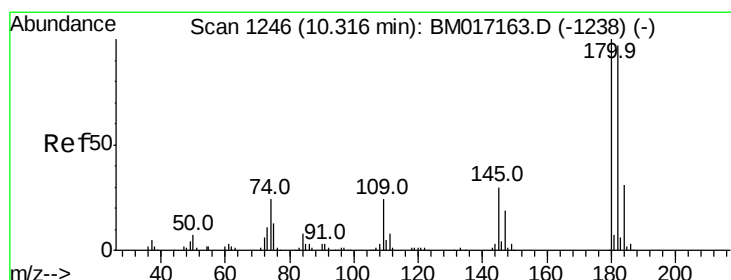
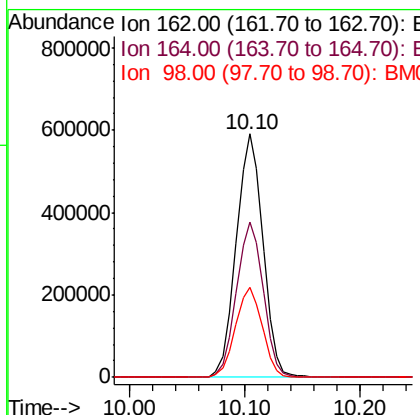
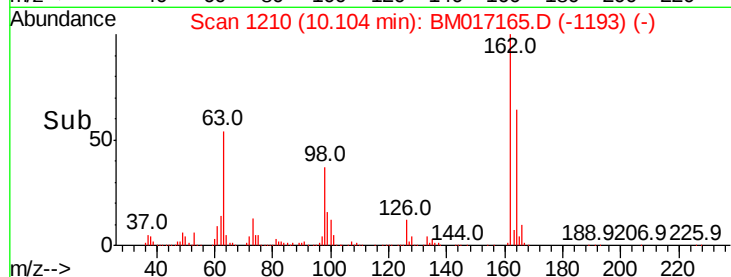
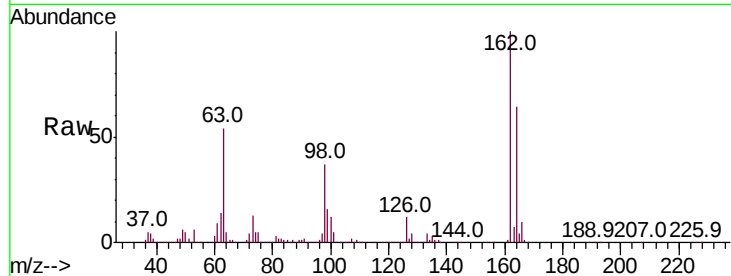




#29
2,4-Dichlorophenol
Concen: 66.234 ng
RT: 10.10 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

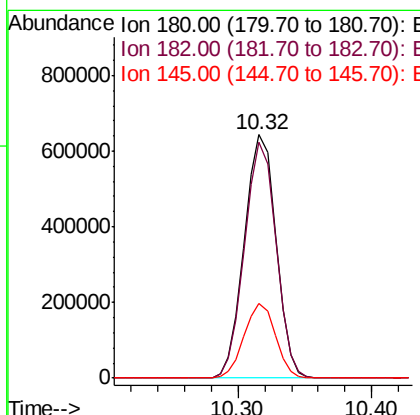
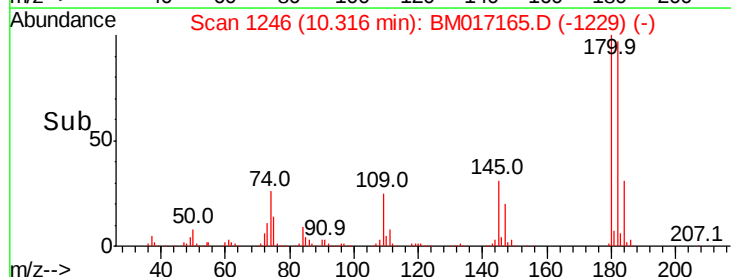
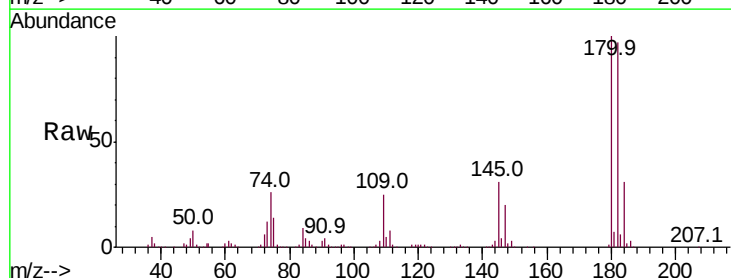
Instrument :
BNA_M
ClientSampleId :

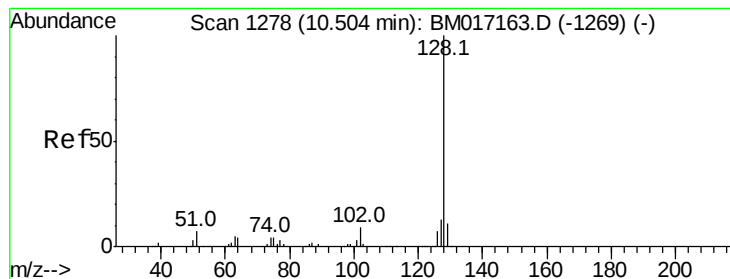
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.9	84.9
98	36.8	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 58.737 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.5	116.3
145	30.7	24.0	36.0

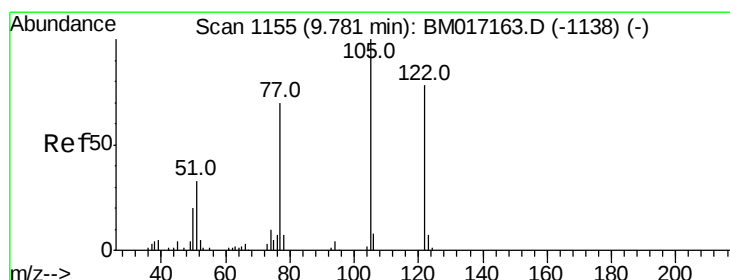
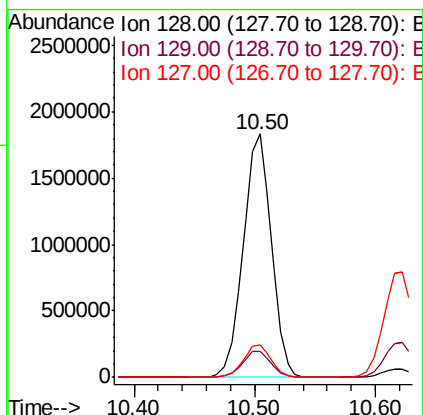
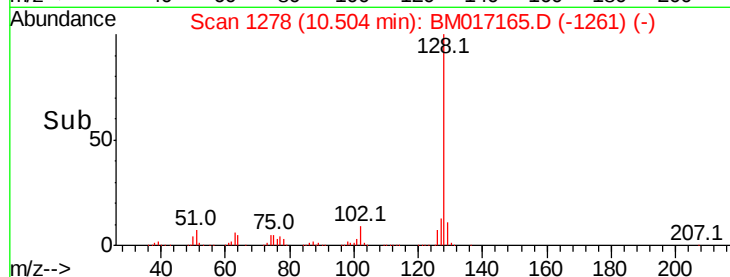
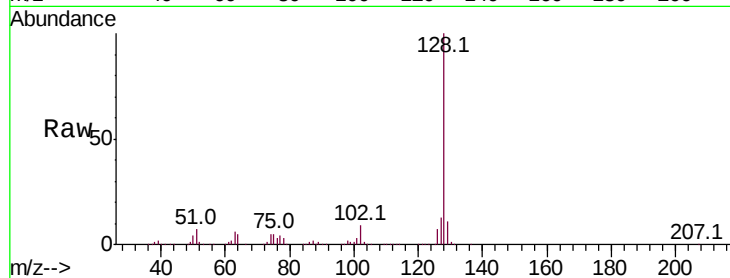




#31
Naphthalene
Concen: 59.850 ng
RT: 10.50 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

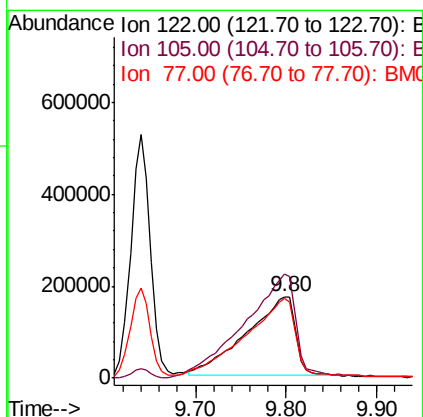
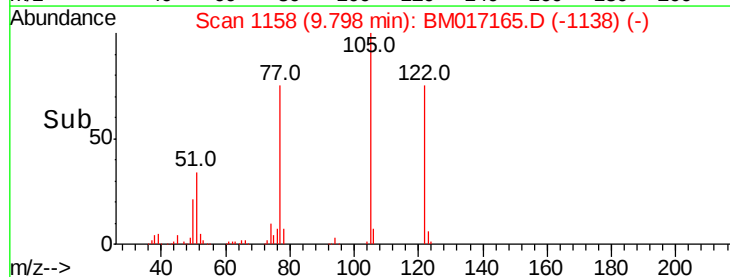
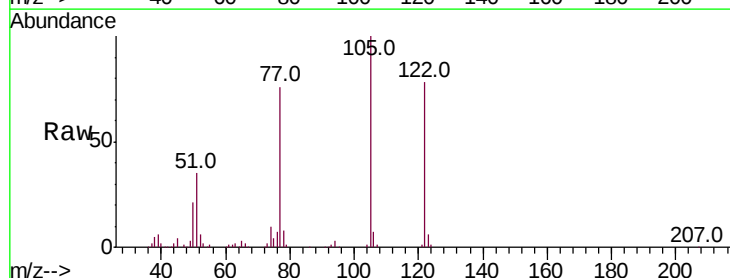
Instrument :
BNA_M
ClientSampled :

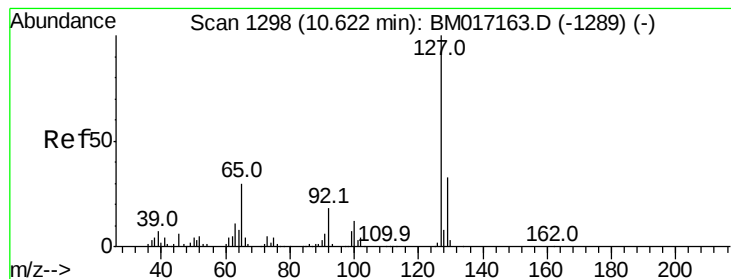
Tot Ion:128 Resp: 2976428
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 78.942 ng
RT: 9.80 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion:122 Resp: 652046
Ion Ratio Lower Upper
122 100
105 128.0 102.0 142.0
77 97.7 67.7 107.7





#33

4-Chloroaniline

Concen: 68.483 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

Tot Ion:127 Resp: 1362898

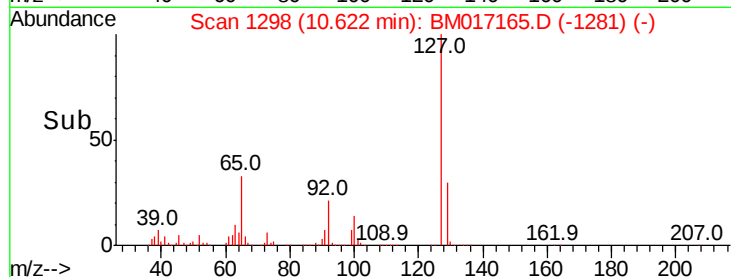
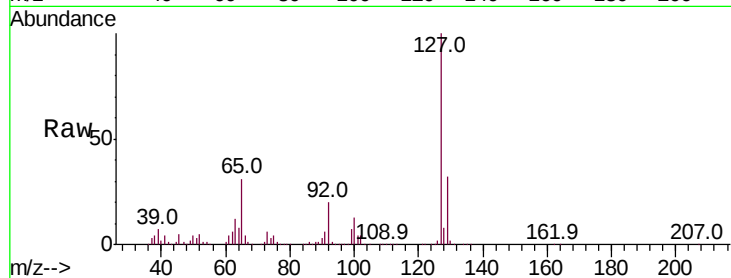
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.4

65 31.2 23.7 35.5

92 20.1 14.3 21.5



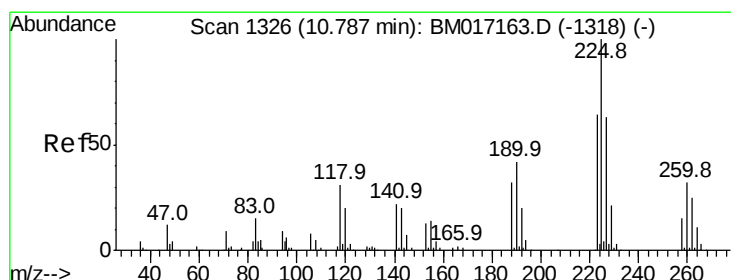
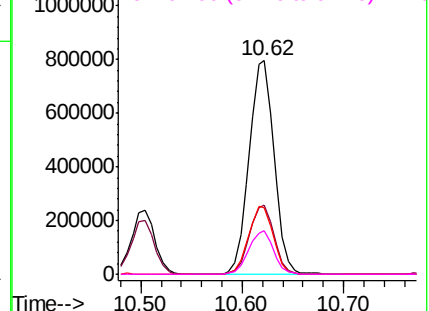
Abundance

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: 56.371 ng

RT: 10.78 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

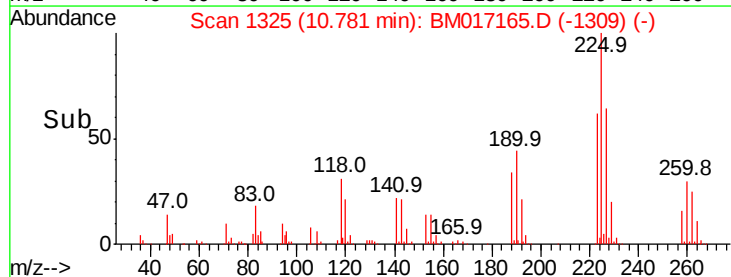
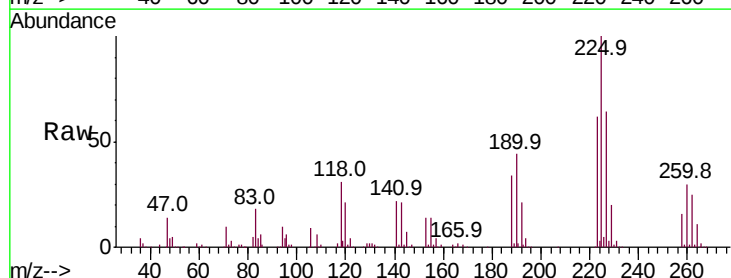
Tgt Ion:225 Resp: 653767

Ion Ratio Lower Upper

225 100

223 62.1 51.0 76.6

227 63.6 50.8 76.2

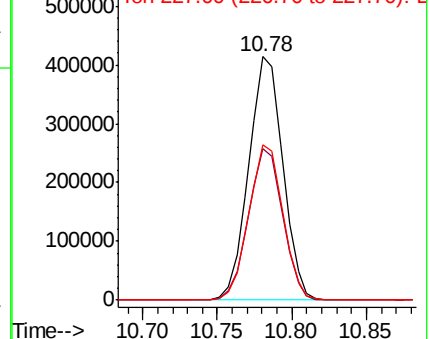


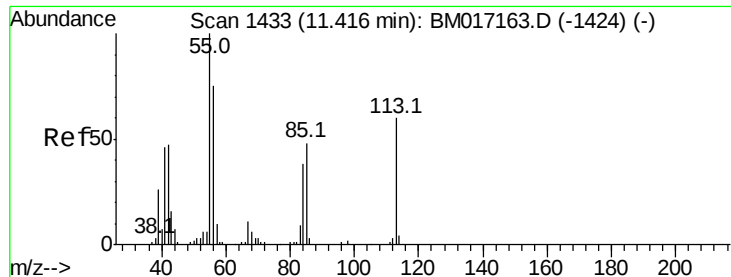
Abundance

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: 75.412 ng

RT: 11.42 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampled :

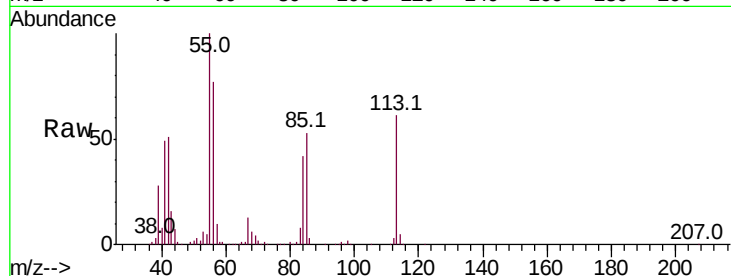
Tot Ion:113 Resp: 340787

Ion Ratio Lower Upper

113 100

55 164.3 147.0 187.0

56 126.2 104.5 144.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM

300000

250000

200000

150000

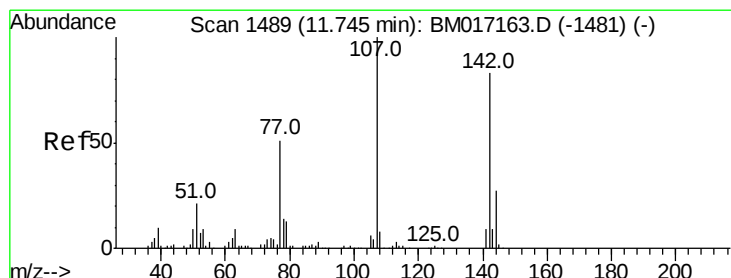
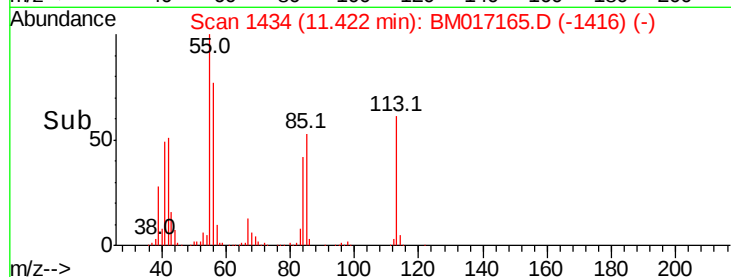
100000

50000

0

11.42

Time--> 11.30 11.40 11.50



#36

4-Chloro-3-methylphenol

Concen: 70.874 ng

RT: 11.75 min Scan# 1490

Delta R.T. 0.01 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

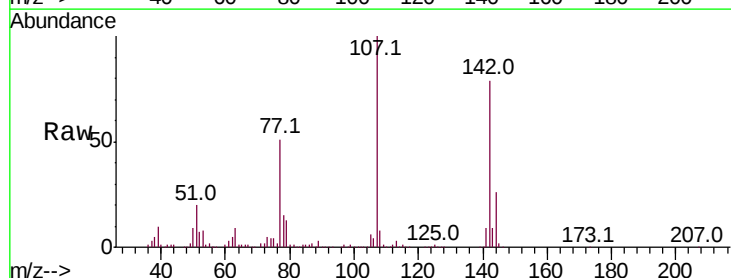
Tgt Ion:107 Resp: 1067600

Ion Ratio Lower Upper

107 100

144 26.0 21.6 32.4

142 79.5 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

800000

600000

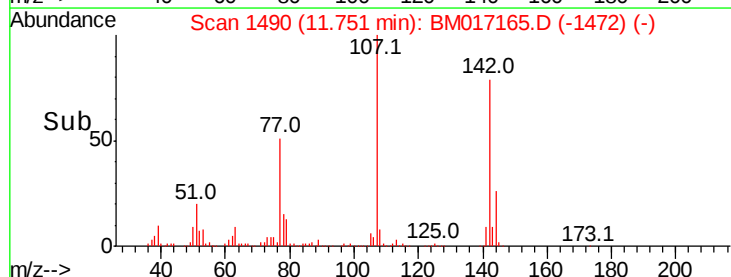
400000

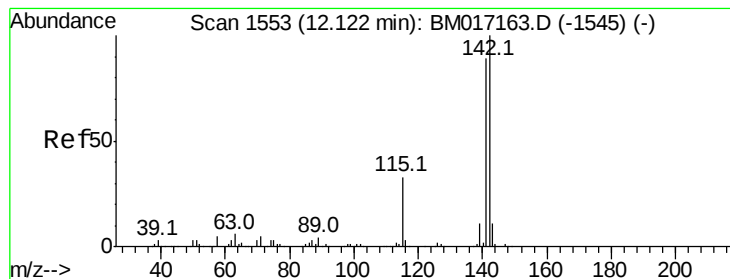
200000

0

11.75

Time--> 11.70 11.80





#37

2-Methylnaphthalene

Concen: 63.703 ng

RT: 12.12 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

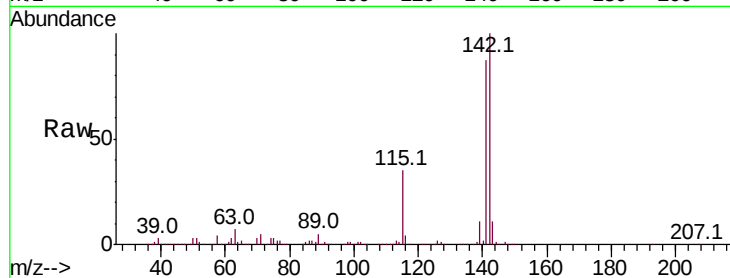
Tot Ion:142 Resp: 2108760

Ion Ratio Lower Upper

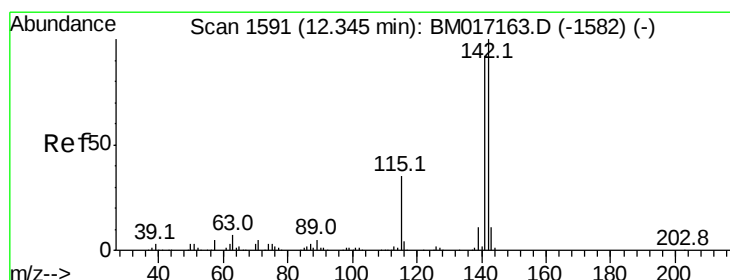
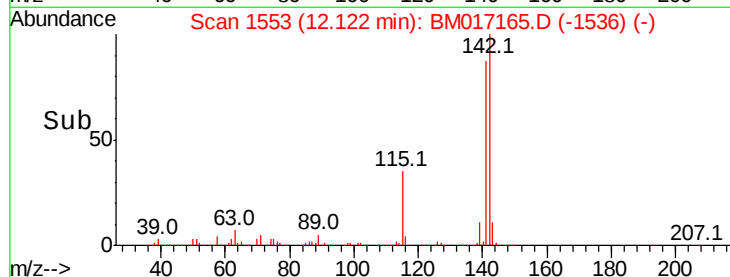
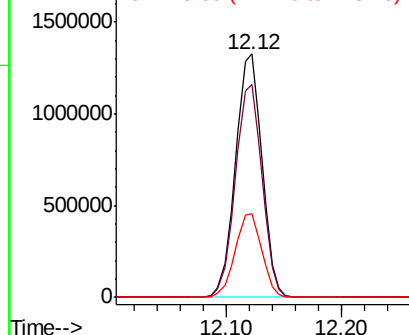
142 100

141 87.4 70.9 106.3

115 34.6 26.4 39.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 63.035 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

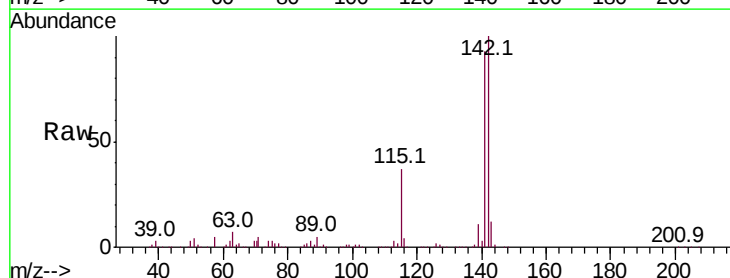
Tgt Ion:142 Resp: 2039392

Ion Ratio Lower Upper

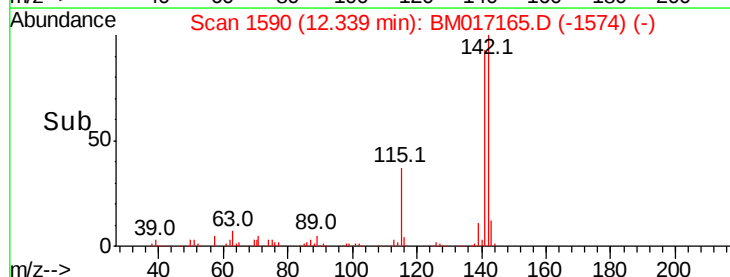
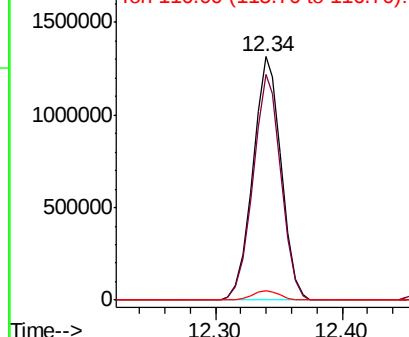
142 100

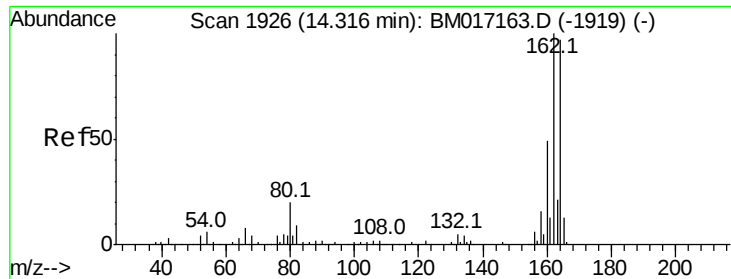
141 92.6 73.8 110.6

116 3.9 2.9 4.3



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

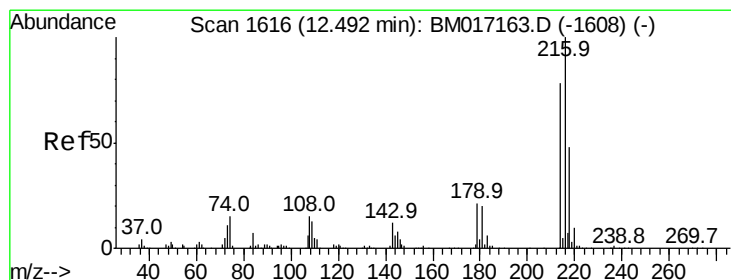
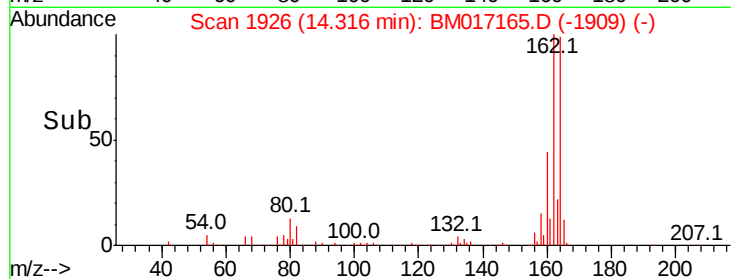
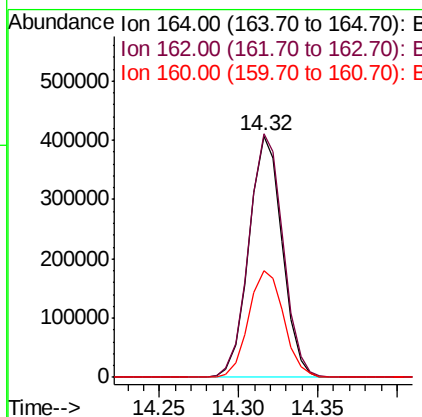
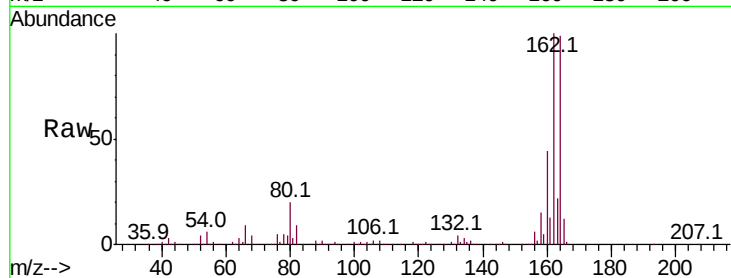




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

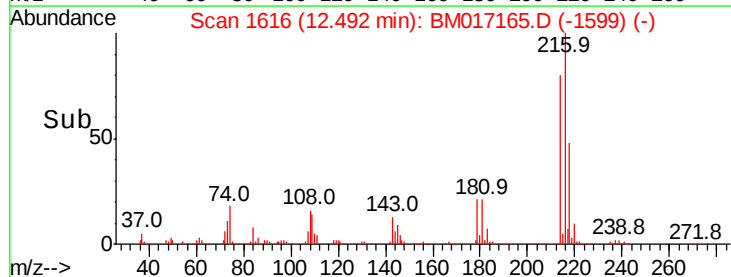
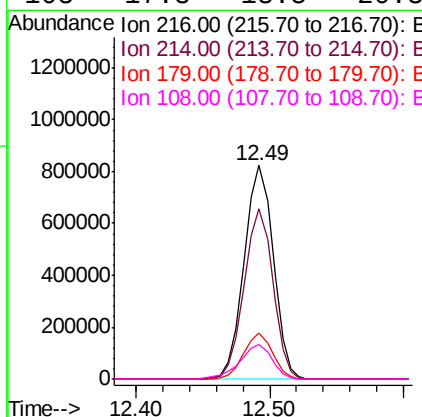
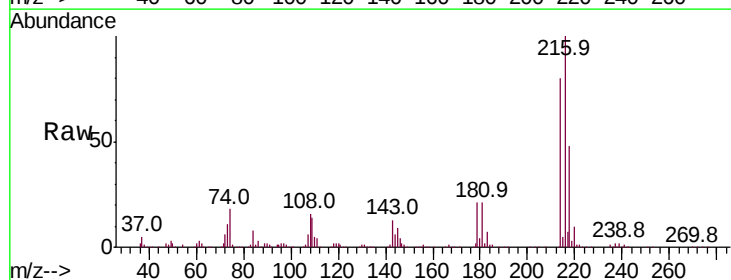
Instrument :
BNA_M
ClientSampleId :

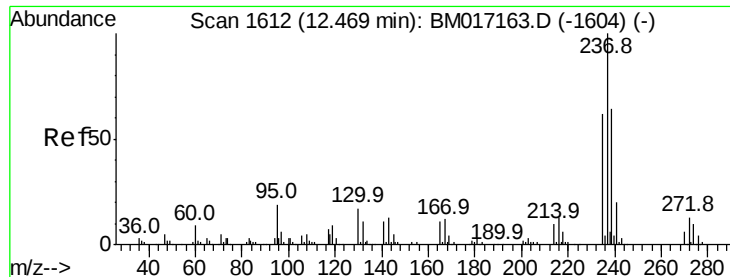
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.1	123.1
160	44.2	40.2	60.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.924 ng
RT: 12.49 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	93.8
179	21.1	16.6	24.8
108	17.8	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 61.812 ng

RT: 12.47 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

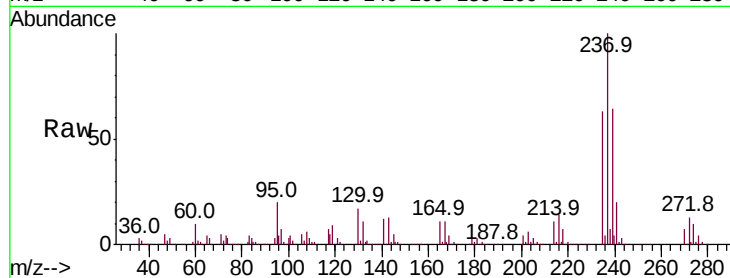
Tot Ion:237 Resp: 672171

Ion Ratio Lower Upper

237 100

235 62.6 42.4 82.4

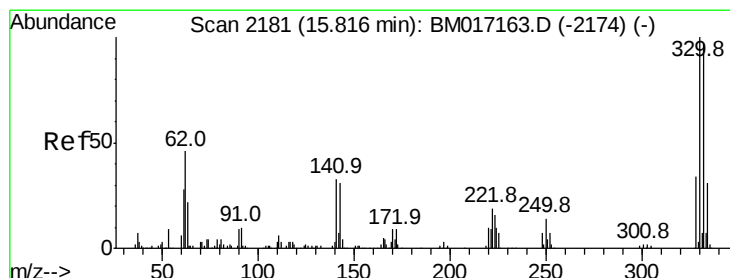
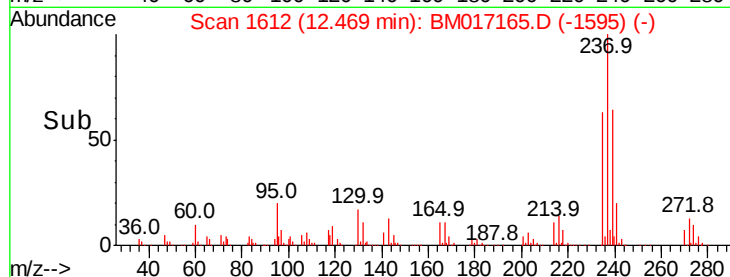
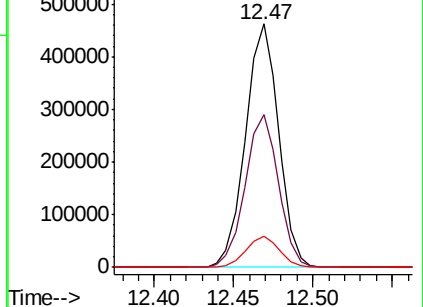
272 12.9 0.0 33.0



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: 119.894 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

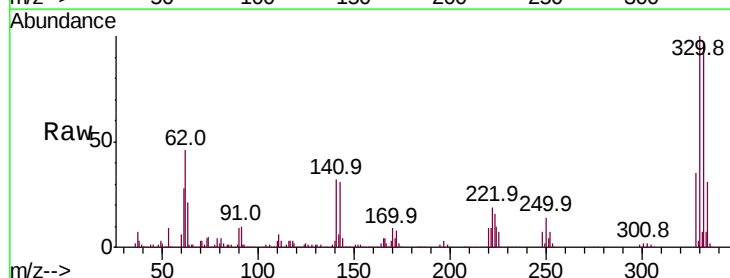
Tgt Ion:330 Resp: 1002344

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

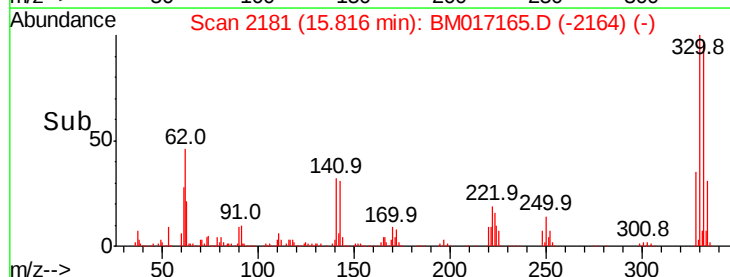
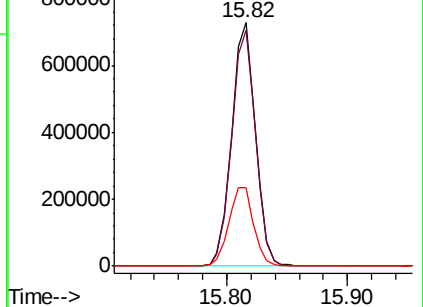
141 33.8 27.4 41.0

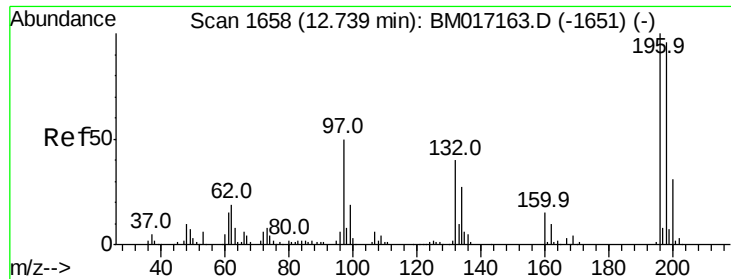


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

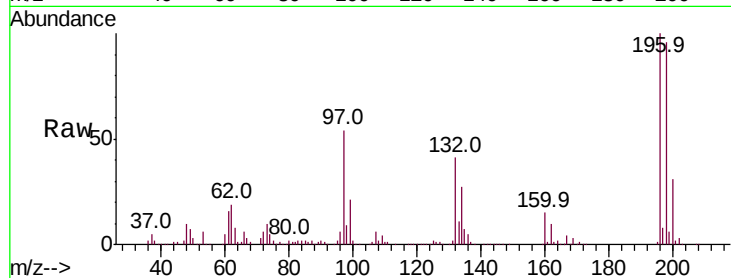




#43
 2,4,6-Trichlorophenol
 Concen: 65.489 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BM017165.D
 Acq: 17 Oct 2018 12:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.1	115.7
200	30.6	25.0	37.4

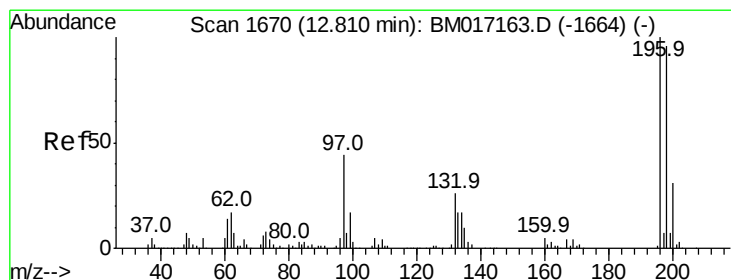
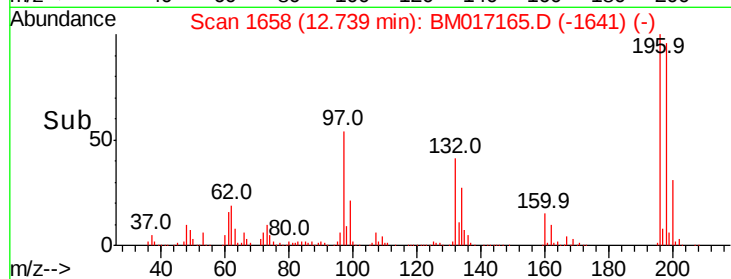
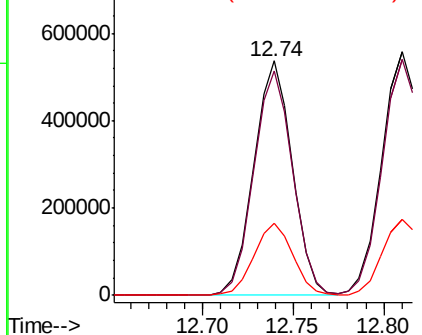


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 63.778 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM017165.D
 Acq: 17 Oct 2018 12:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.6	115.0
97	48.5	35.5	53.3
132	26.8	20.7	31.1

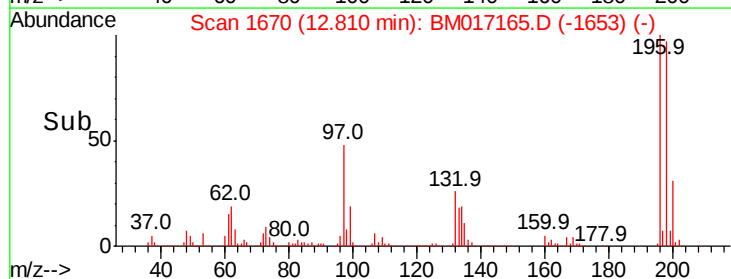
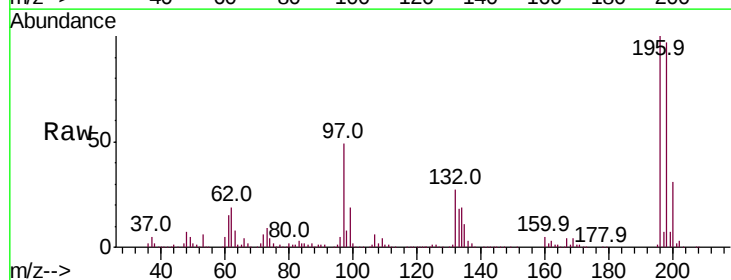
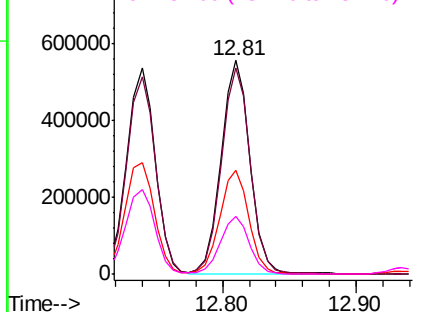
Abundance

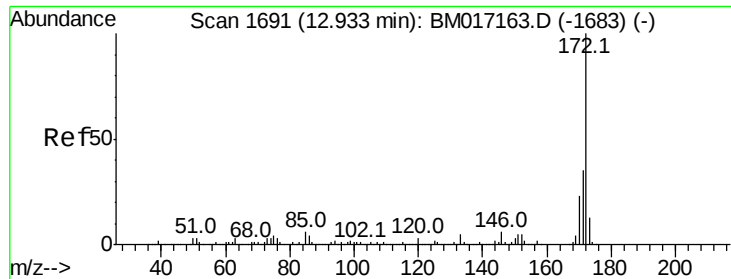
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E



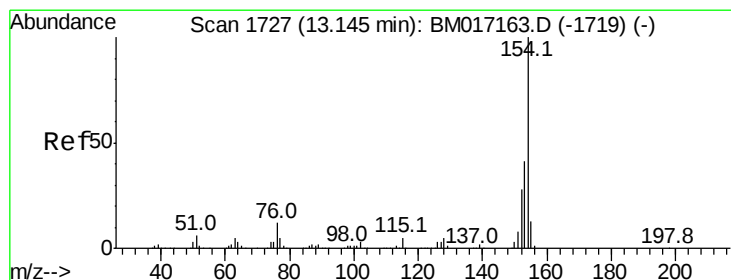
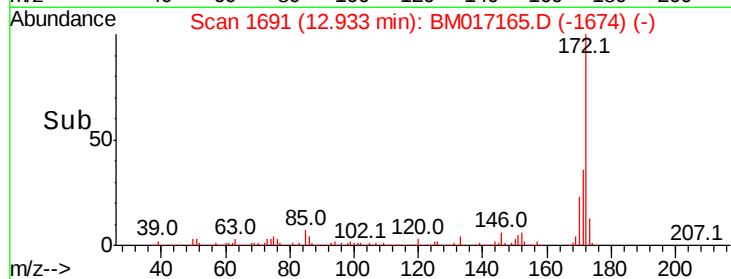
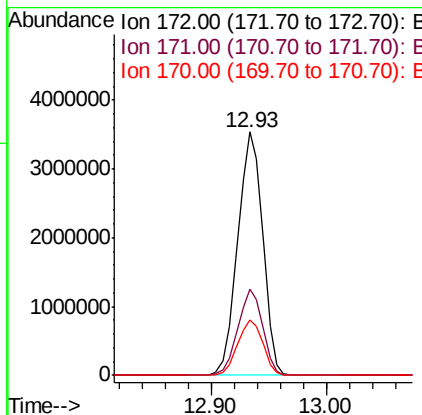
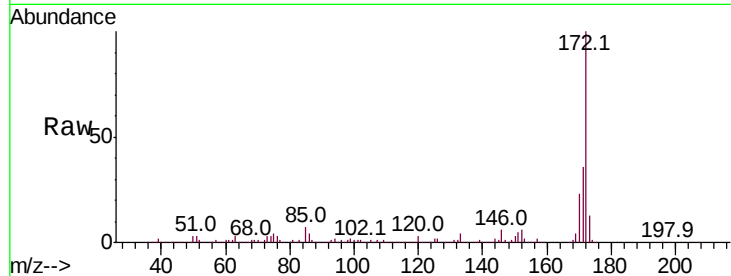


#45
 2-Fluorobiphenyl
 Concen: 115.345 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BM017165.D
 Acq: 17 Oct 2018 12:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 5291137

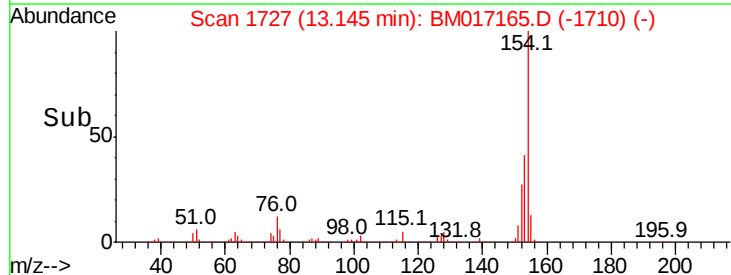
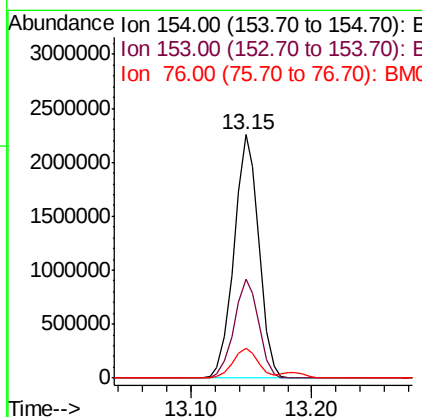
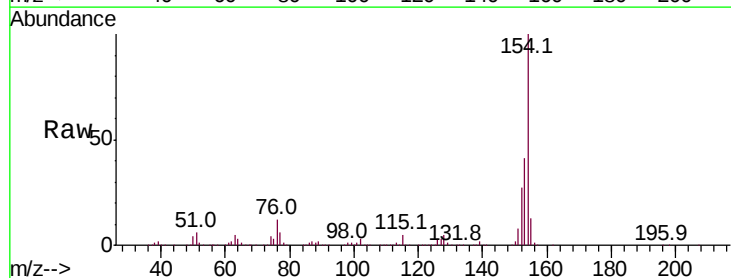
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	22.9	18.3	27.5

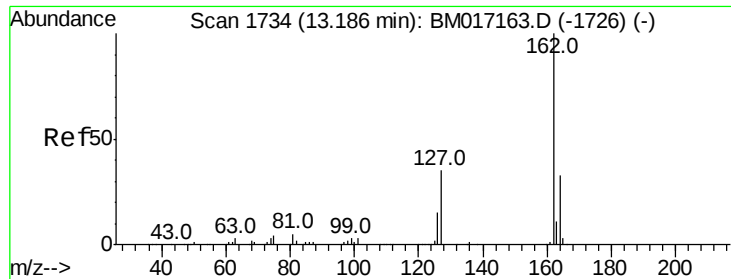


#46
 1,1'-Biphenyl
 Concen: 59.111 ng
 RT: 13.15 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BM017165.D
 Acq: 17 Oct 2018 12:49

Tgt Ion:154 Resp: 3204795

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	12.4	0.0	31.8





#47

2-Chloronaphthalene

Concen: 59.097 ng

RT: 13.19 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

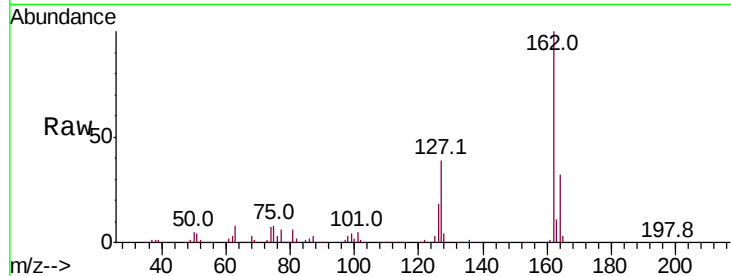
Tot Ion:162 Resp: 2387355

Ion Ratio Lower Upper

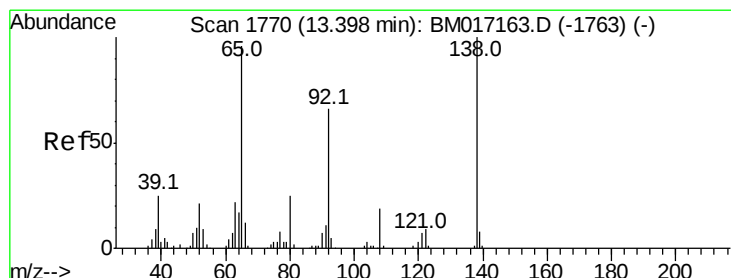
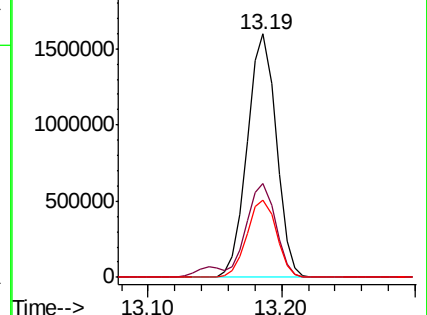
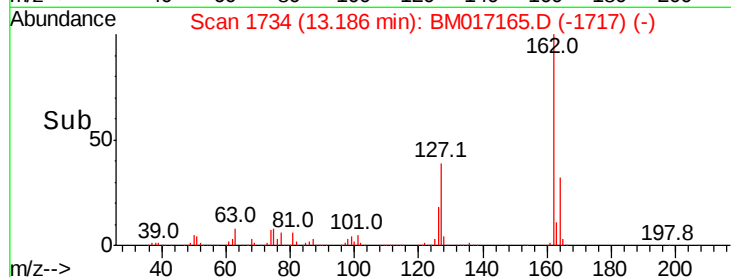
162 100

127 38.7 31.0 46.4

164 31.9 26.6 39.8



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



#48

2-Nitroaniline

Concen: 87.281 ng

RT: 13.40 min Scan# 1770

Delta R.T. 0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

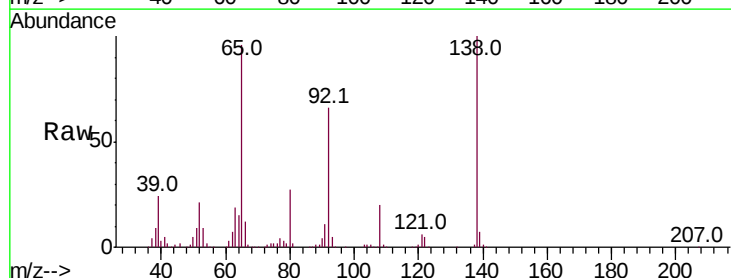
Tgt Ion: 65 Resp: 688517

Ion Ratio Lower Upper

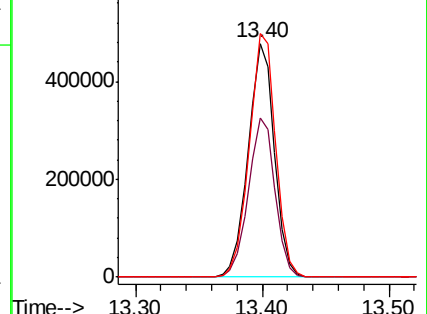
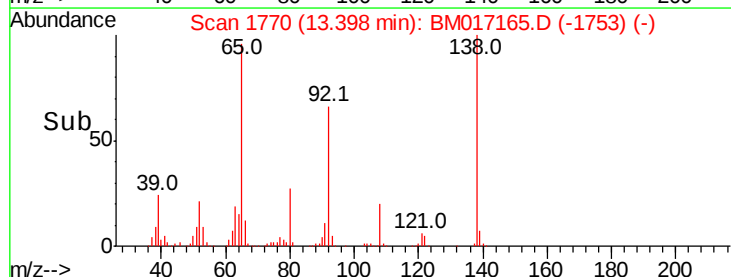
65 100

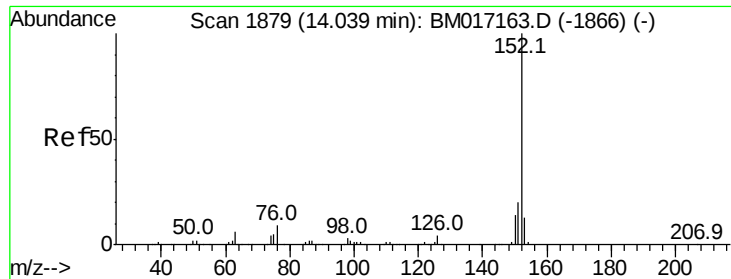
92 68.2 54.9 82.3

138 104.1 83.7 125.5



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





#49

Acenaphthylene

Concen: 61.480 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

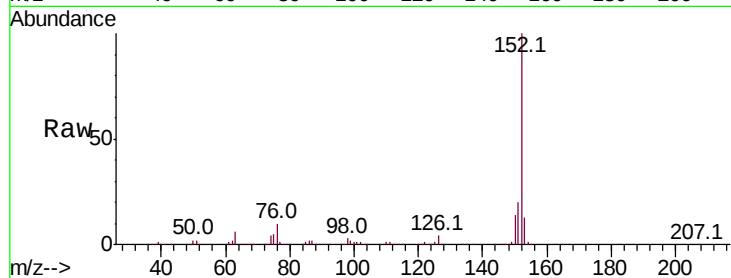
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 3564984

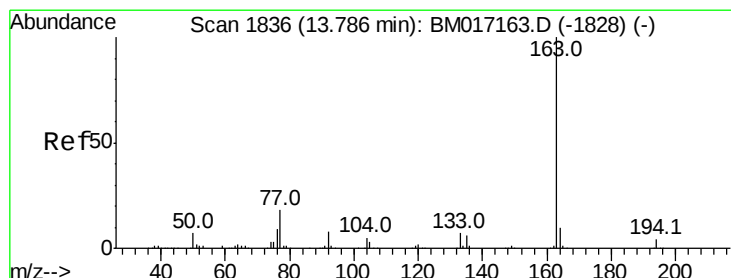
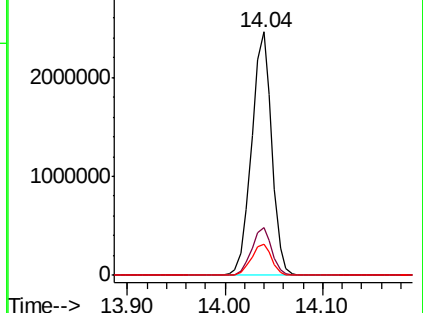
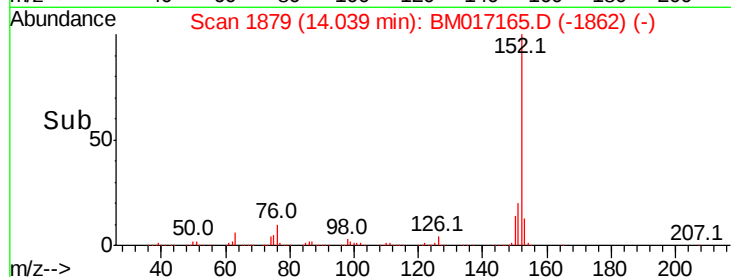
Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	12.9	10.4	15.6



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: 62.441 ng

RT: 13.79 min Scan# 1836

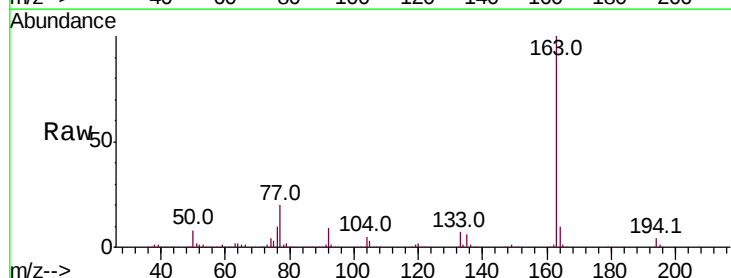
Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Tgt Ion:163 Resp: 2827448

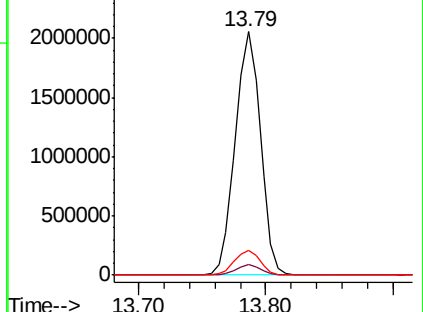
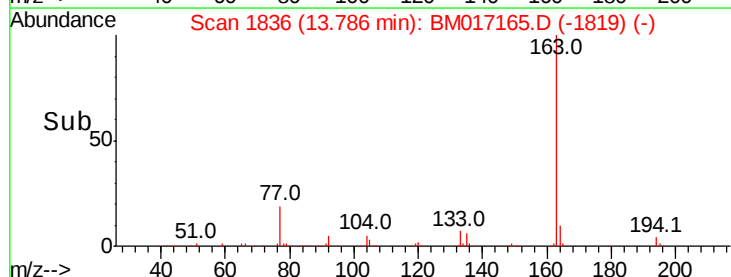
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	7.8	11.8

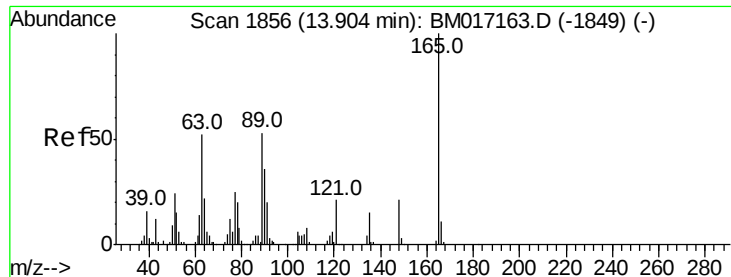


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

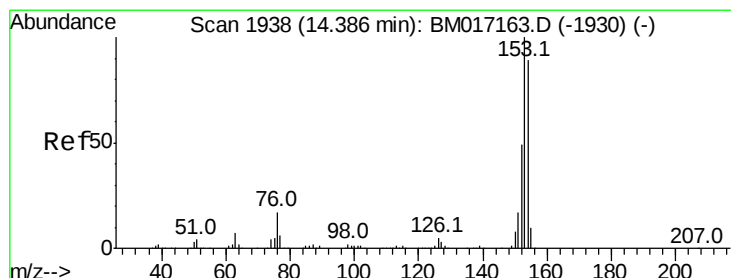
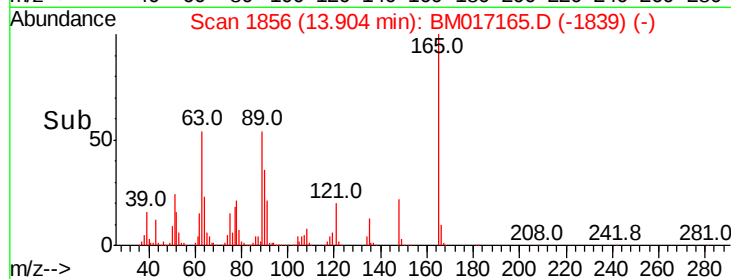
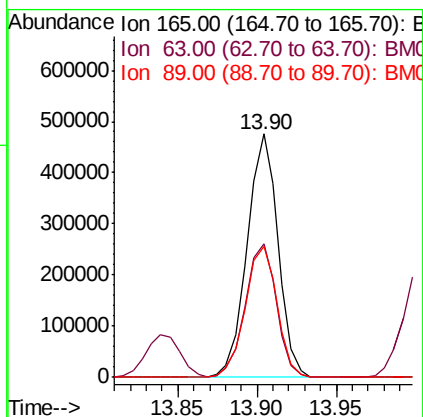
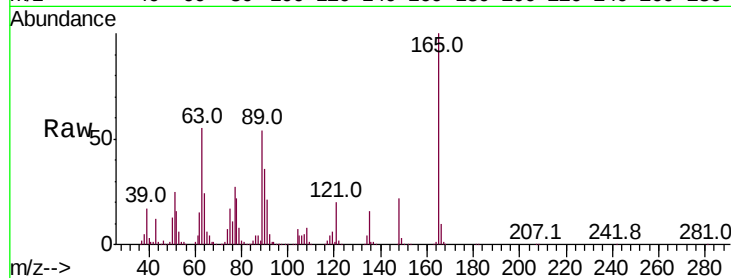




#51
2,6-Dinitrotoluene
Concen: 64.071 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

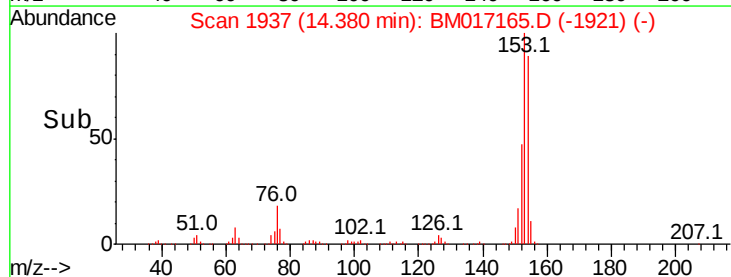
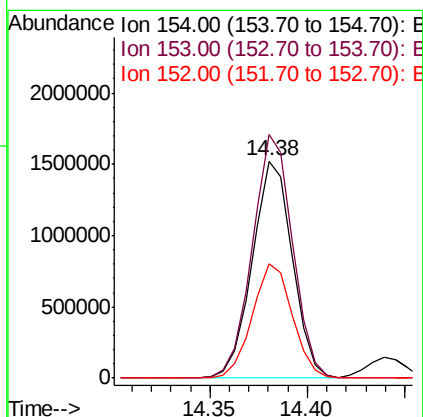
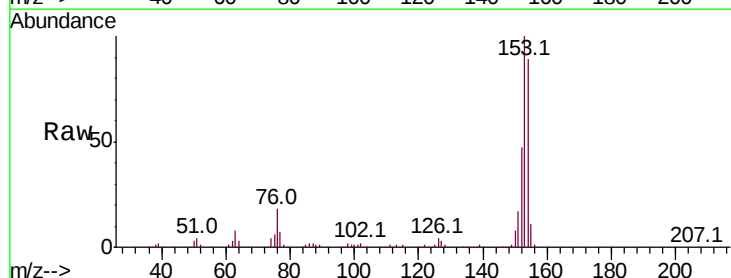
Instrument :
BNA_M
ClientSampleId :

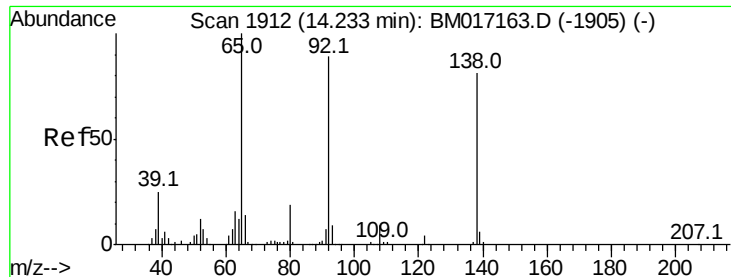
Tot Ion:165 Resp: 642024
Ion Ratio Lower Upper
165 100
63 54.7 42.7 64.1
89 54.0 42.1 63.1



#52
Acenaphthene
Concen: 59.469 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion:154 Resp: 2162980
Ion Ratio Lower Upper
154 100
153 112.1 90.2 135.2
152 52.4 44.2 66.4

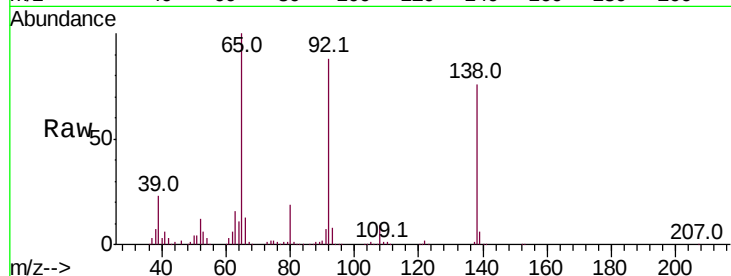




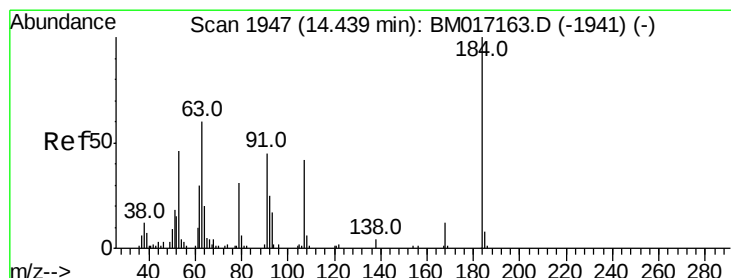
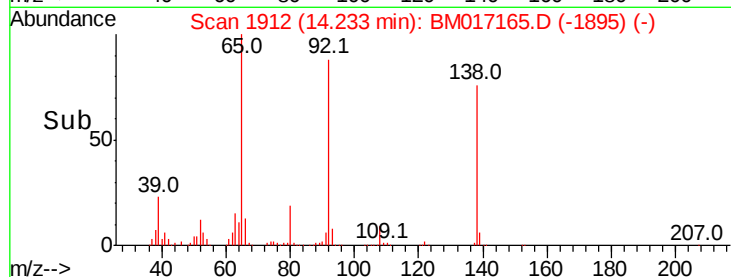
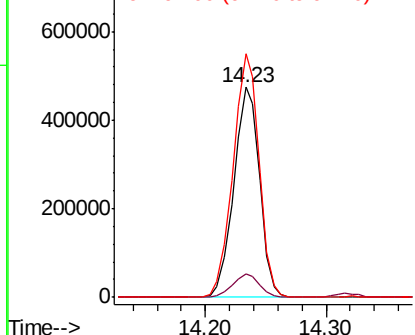
#53
3-Nitroaniline
Concen: 68.990 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 706168
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 116.0 87.9 131.9

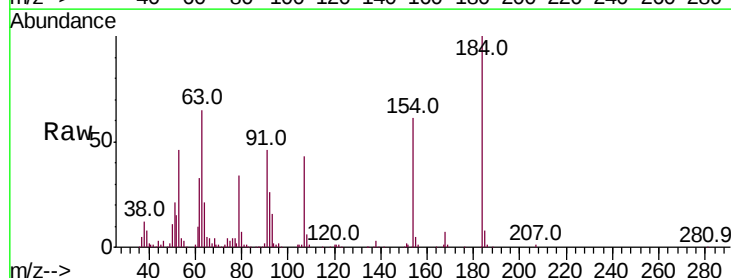


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

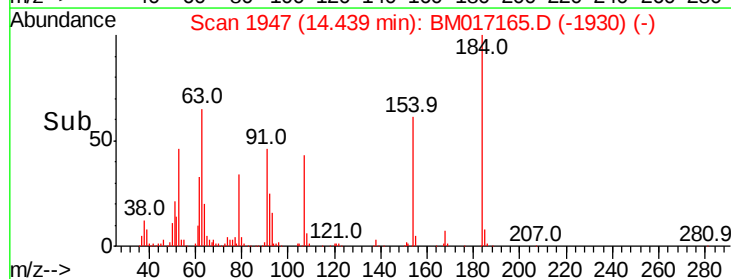
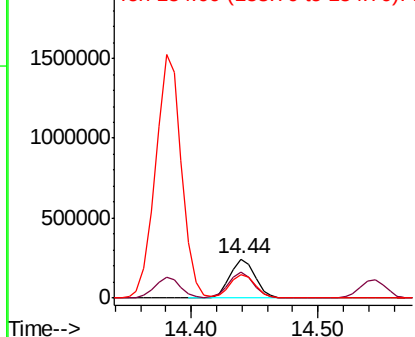


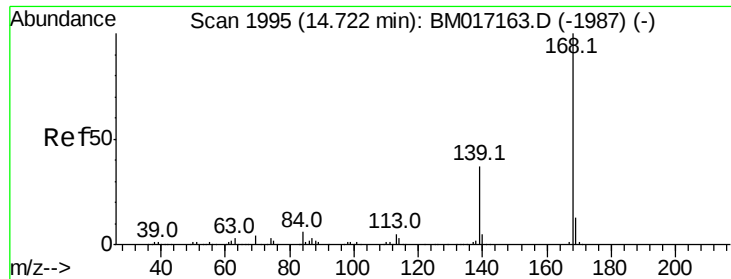
#54
2,4-Dinitrophenol
Concen: 73.569 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion:184 Resp: 337366
Ion Ratio Lower Upper
184 100
63 65.2 51.2 76.8
154 61.4 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

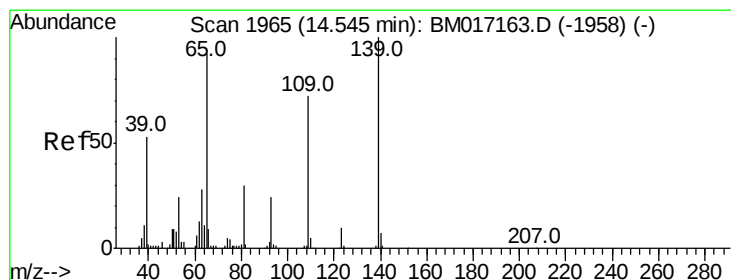
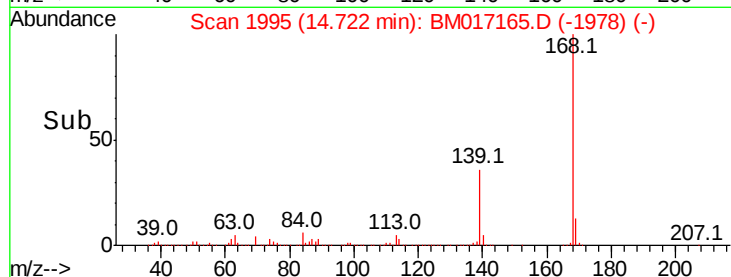
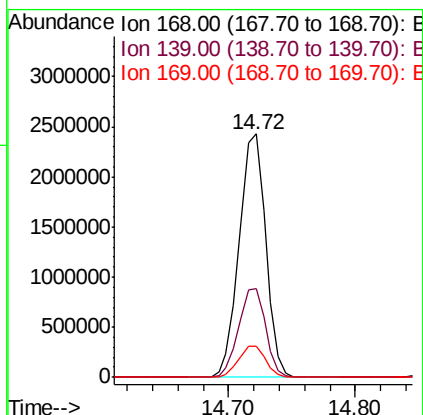
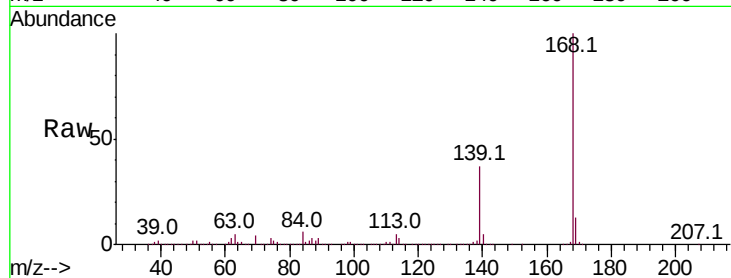




#55
Dibenzofuran
Concen: 57.653 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

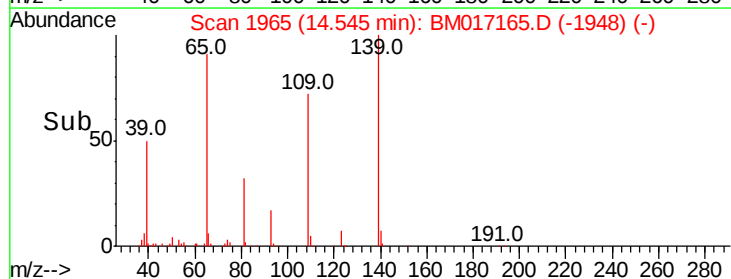
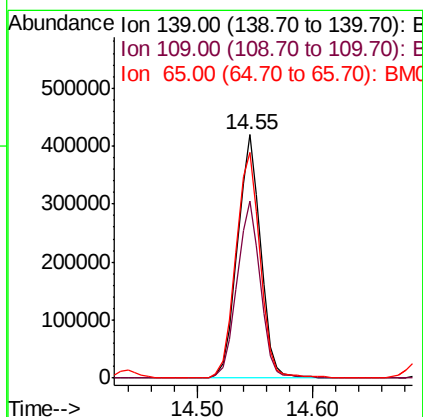
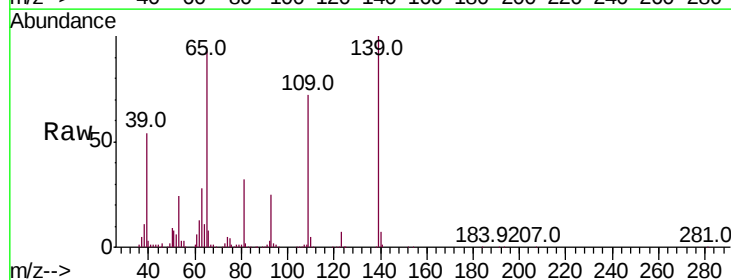
Instrument :
BNA_M
ClientSampleId :

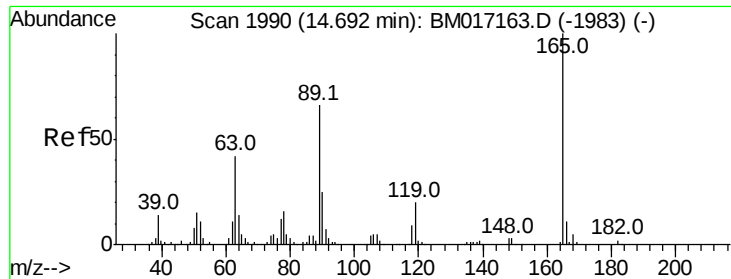
Tot Ion:168 Resp: 3528006
Ion Ratio Lower Upper
168 100
139 36.5 29.3 43.9
169 13.0 10.6 15.8



#56
4-Nitrophenol
Concen: 67.953 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion:139 Resp: 583850
Ion Ratio Lower Upper
139 100
109 72.5 51.8 91.8
65 92.9 72.1 112.1

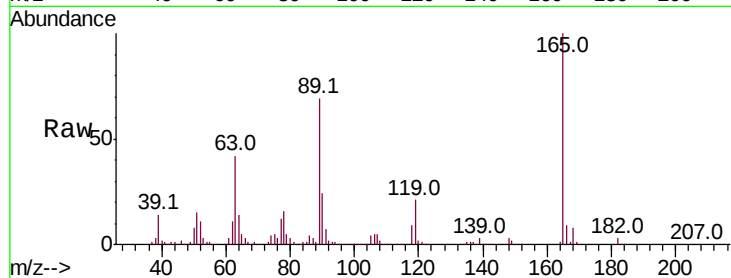




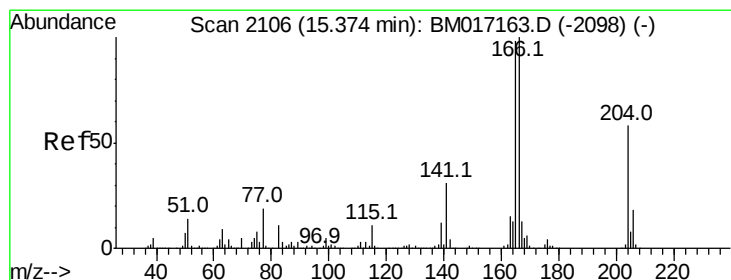
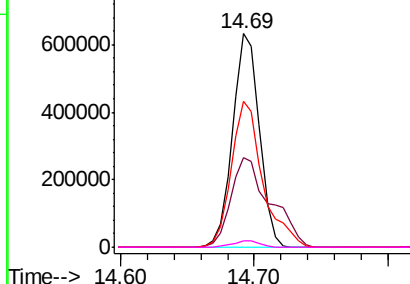
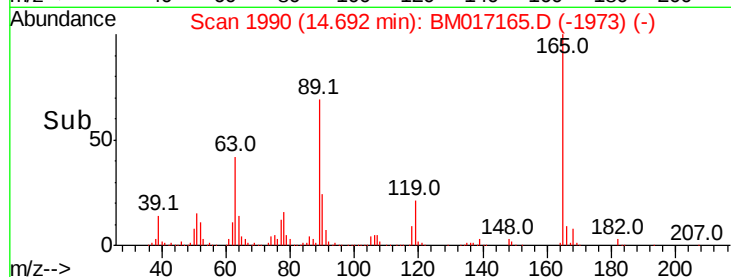
#57
 2,4-Dinitrotoluene
 Concen: 64.871 ng
 RT: 14.69 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BM017165.D
 Acq: 17 Oct 2018 12:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 883021
 Ion Ratio Lower Upper
 165 100
 63 41.9 33.8 50.8
 89 68.5 53.1 79.7
 182 2.9 2.0 3.0

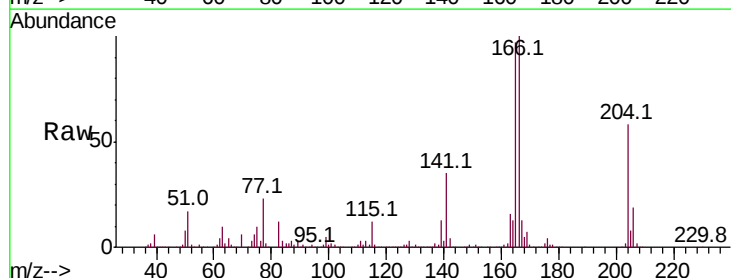


Abundance Ion 165.00 (164.70 to 165.70): E
 1000000
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

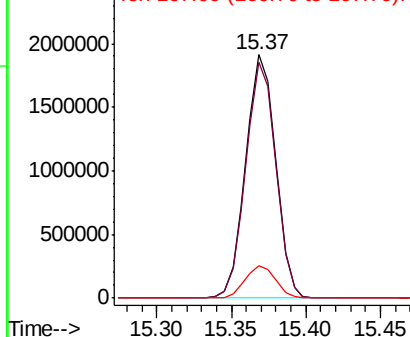
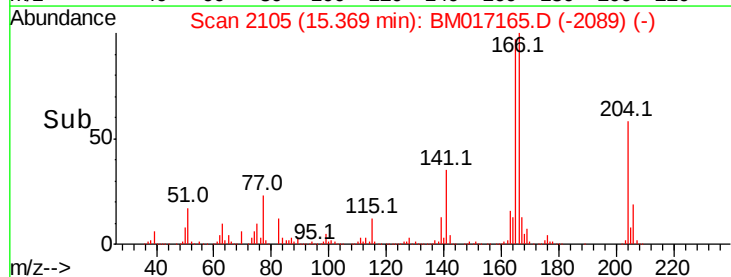


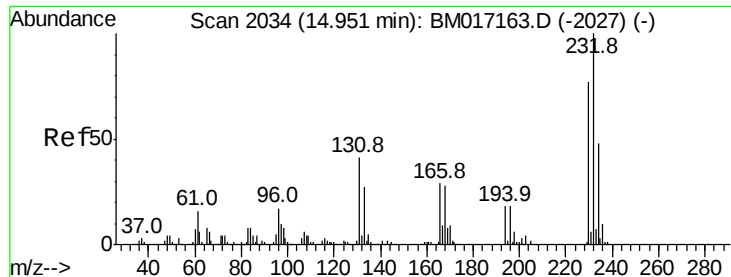
#58
 Fluorene
 Concen: 58.684 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM017165.D
 Acq: 17 Oct 2018 12:49

Tgt Ion:166 Resp: 2653555
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.1 117.1
 167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 2500000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

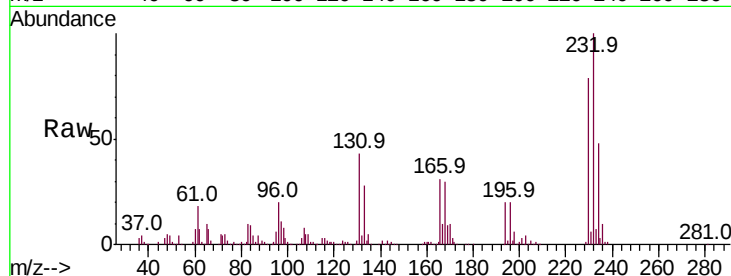




#59
2,3,4,6-Tetrachlorophenol
Concen: 62.043 ng
RT: 14.95 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	33.1	49.7
130	2.2	1.7	2.5
166	30.6	24.4	36.6



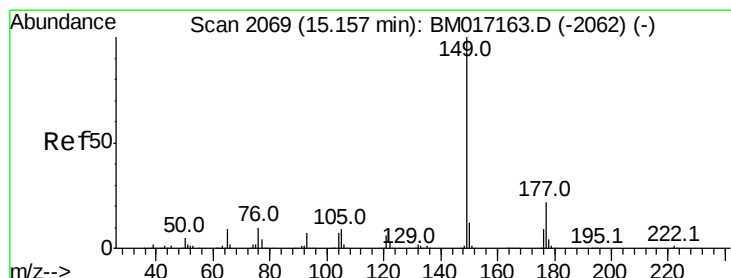
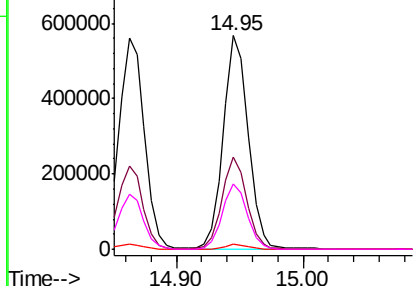
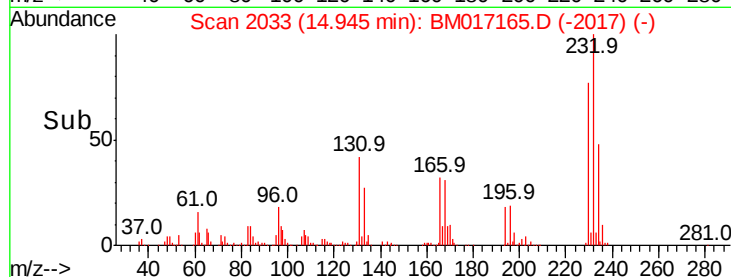
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

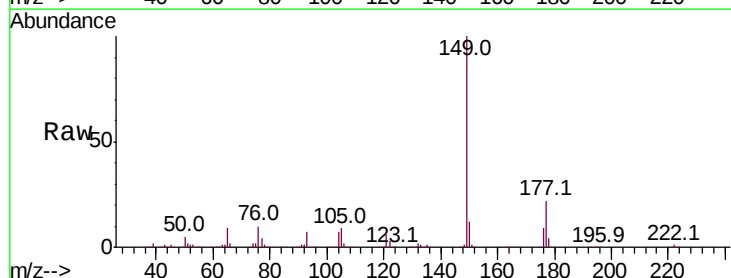
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 62.112 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.4	10.0	15.0

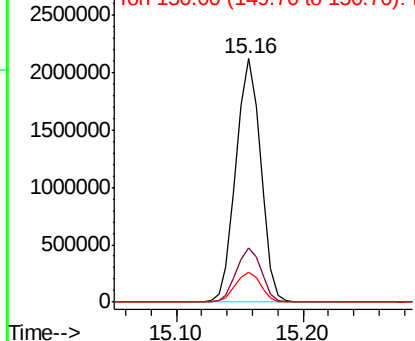
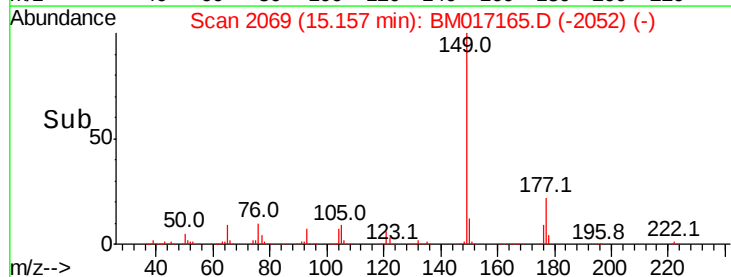


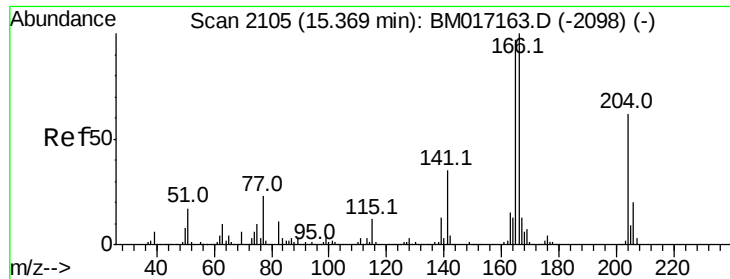
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

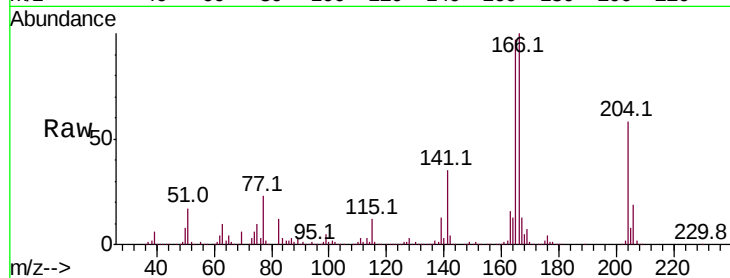




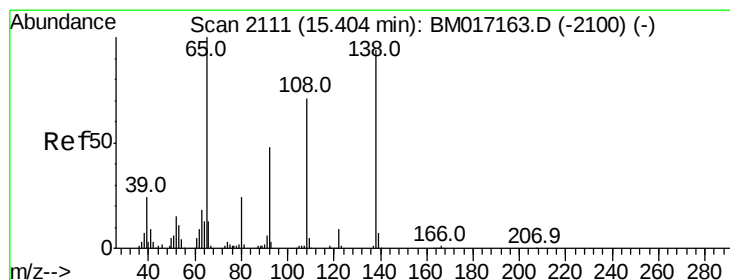
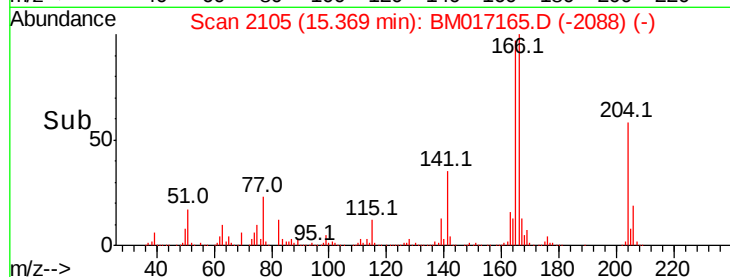
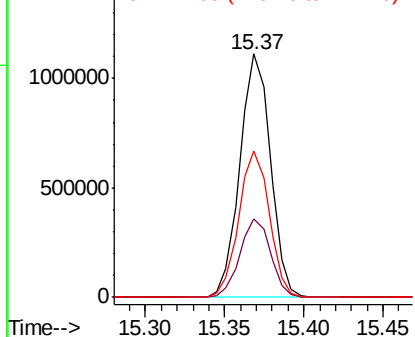
#61
4-Chlorophenyl-phenylether
Concen: 56.987 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1494684
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 60.0 45.4 68.2

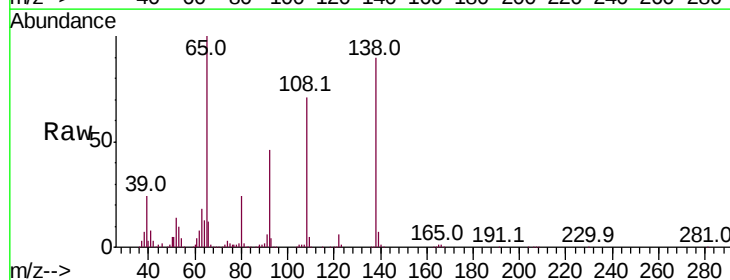


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

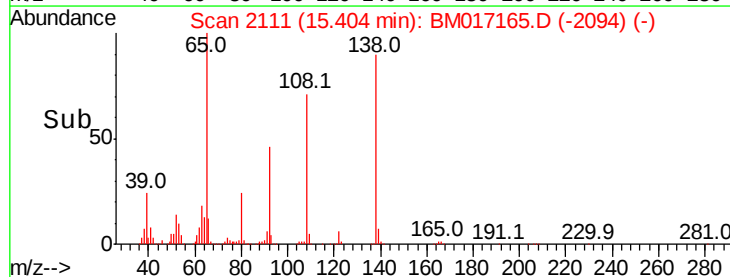
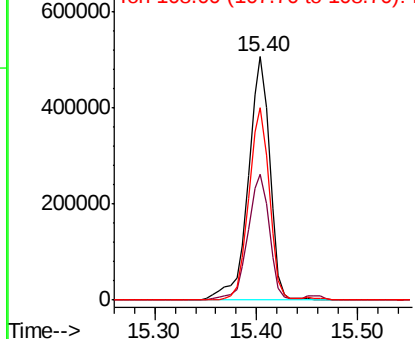


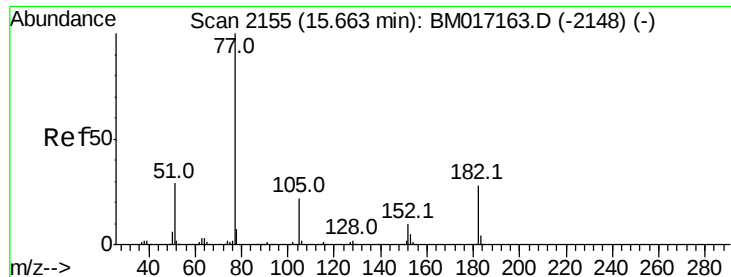
#62
4-Nitroaniline
Concen: 72.337 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion:138 Resp: 748044
Ion Ratio Lower Upper
138 100
92 51.5 31.2 71.2
108 79.1 55.5 95.5



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





#63

Azobenzene

Concen: 64.143 ng

RT: 15.66 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2792267

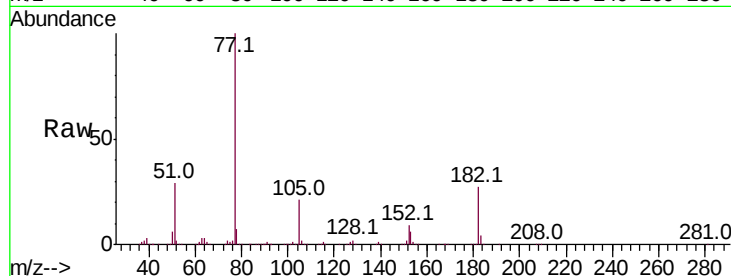
Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.3	48.3
105	21.1	1.5	41.5
51	29.2	8.8	48.8

77 100

182 27.1 8.3 48.3

105 21.1 1.5 41.5

51 29.2 8.8 48.8

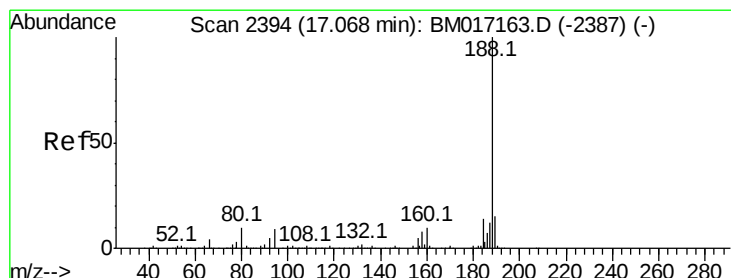
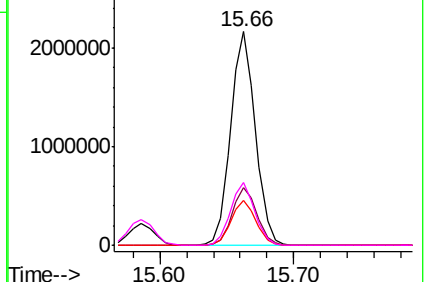
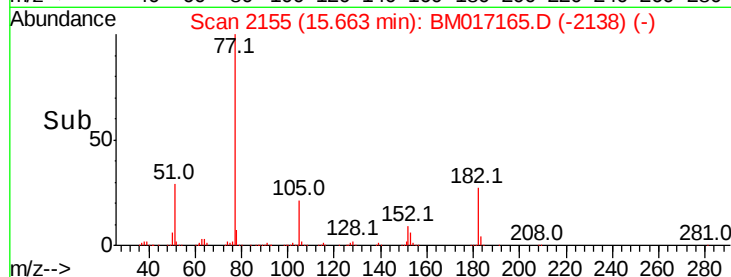


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

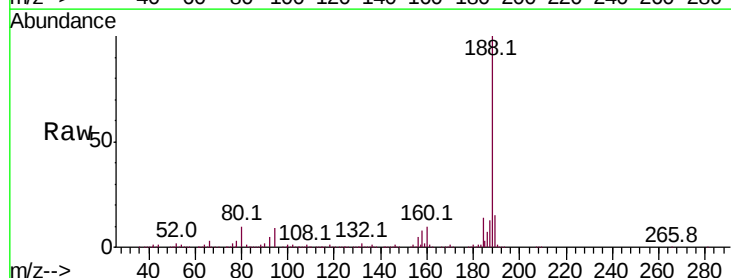
Tgt Ion: 188 Resp: 1345194

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	10.2	7.7	11.5

188 100

94 8.8 7.0 10.4

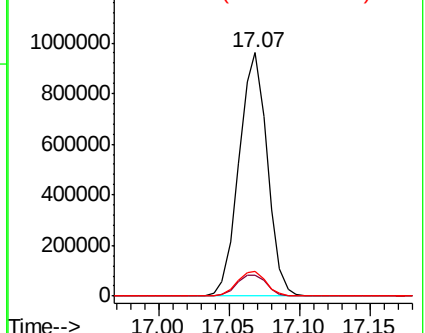
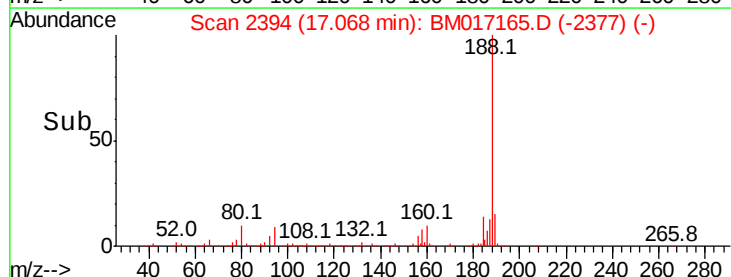
80 10.2 7.7 11.5

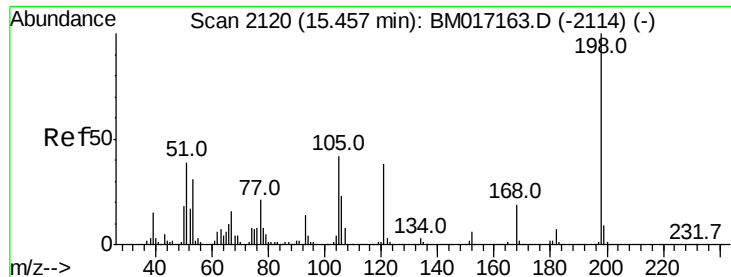


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

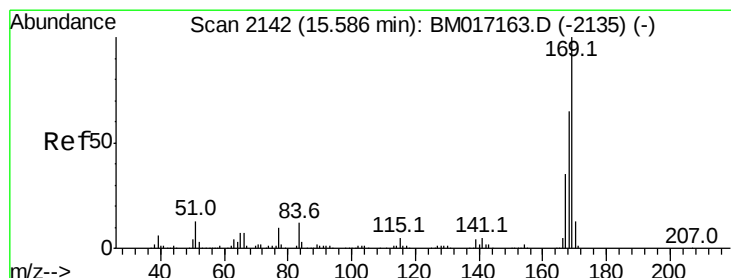
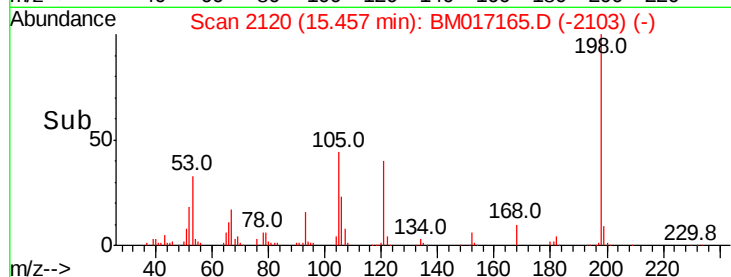
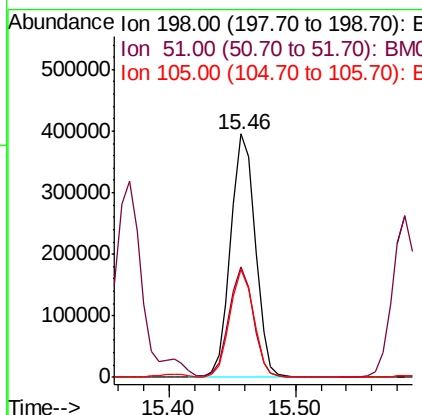
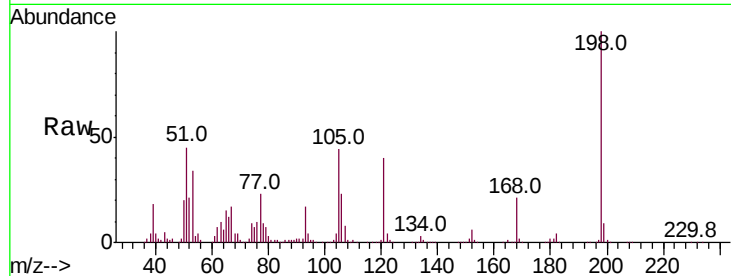




#65
4,6-Dinitro-2-methylphenol
Concen: 69.373 ng
RT: 15.46 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

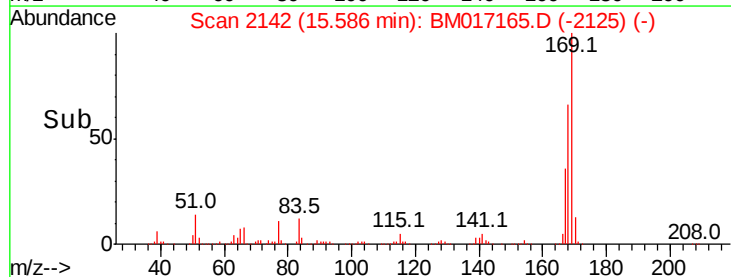
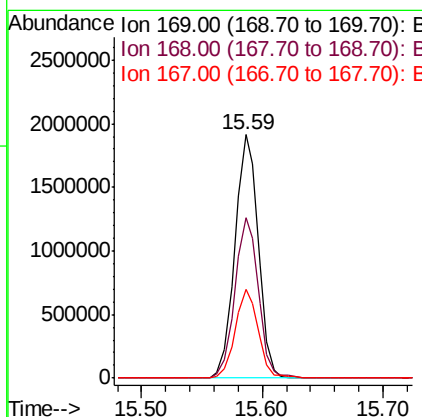
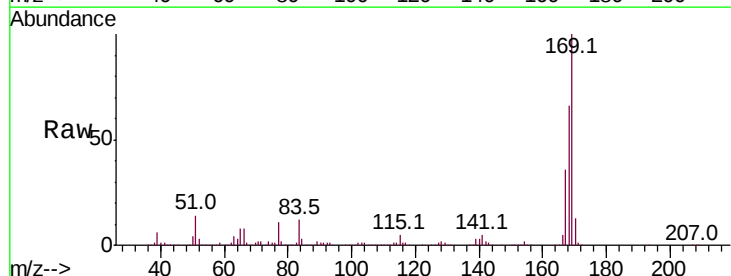
Instrument :
BNA_M
ClientSampleId :

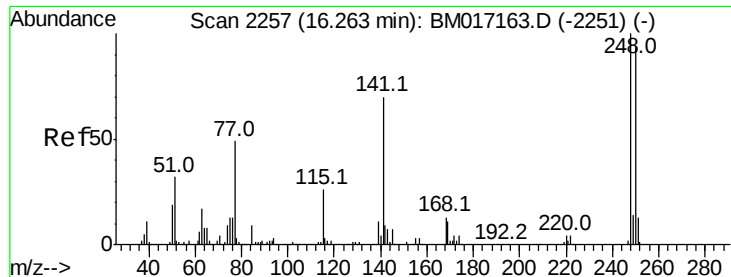
Tot Ion	Ratio	Lower	Upper
198	100		
51	45.5	20.3	60.3
105	44.2	21.9	61.9



#66
n-Nitrosodiphenylamine
Concen: 64.037 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	52.2	78.4
167	36.2	28.4	42.6

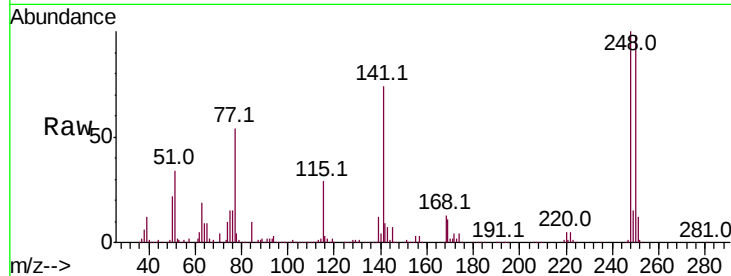




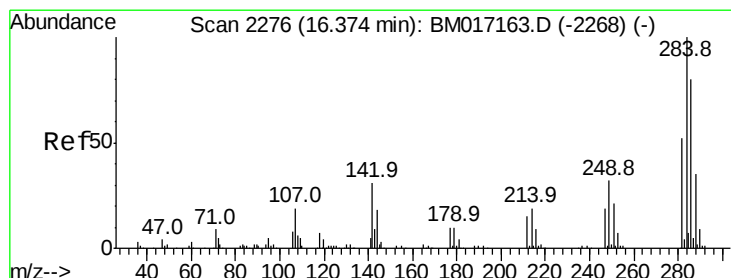
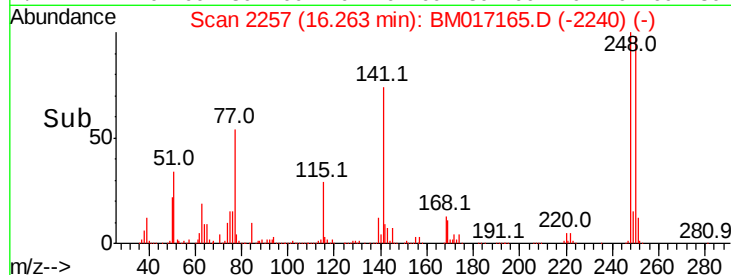
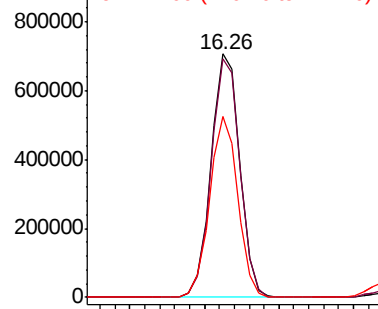
#67
 4-Bromophenyl-phenylether
 Concen: 62.043 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BM017165.D
 Acq: 17 Oct 2018 12:49

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	75.1	112.7
141	74.5	55.6	83.4

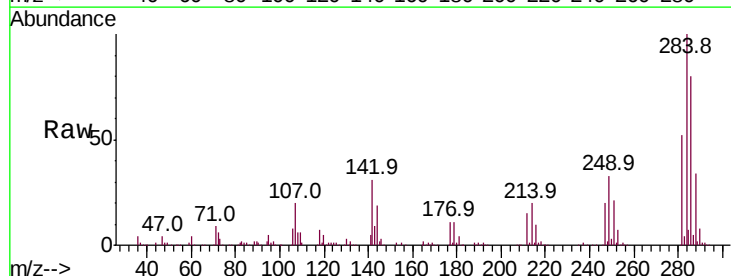


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

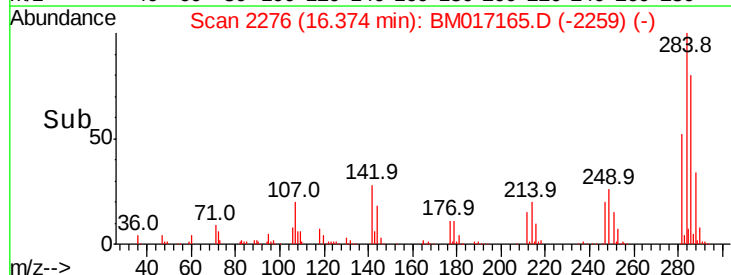
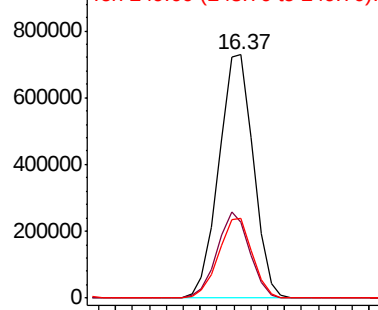


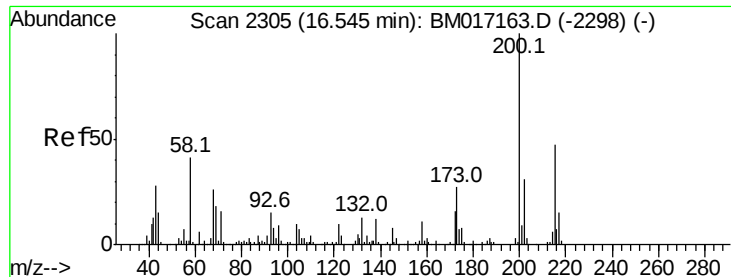
#68
 Hexachlorobenzene
 Concen: 57.072 ng
 RT: 16.37 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BM017165.D
 Acq: 17 Oct 2018 12:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	25.0	37.6
249	32.6	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: 70.976 ng

RT: 16.54 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

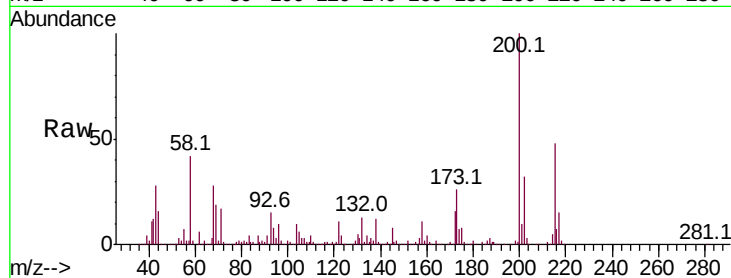
Tot Ion:200 Resp: 916873

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

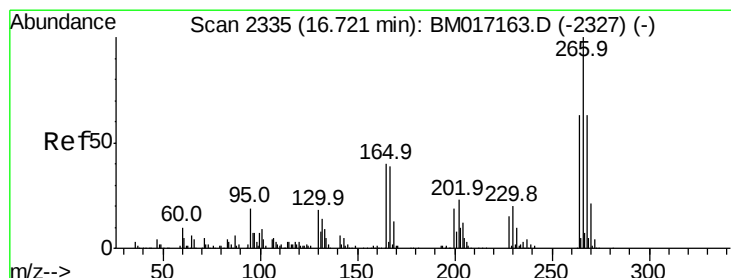
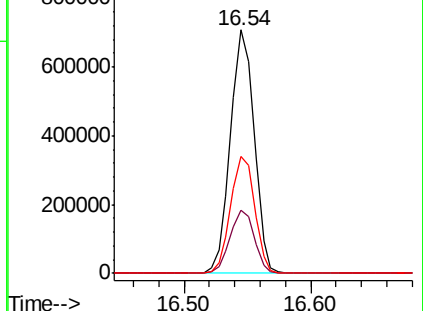
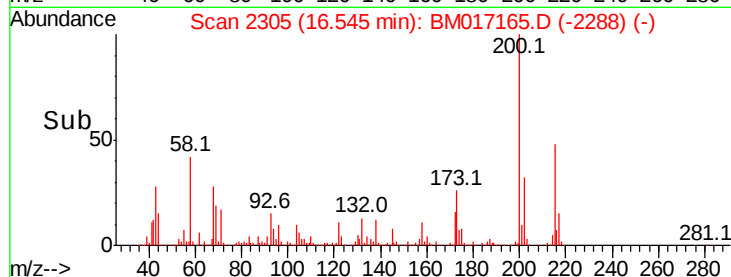
215 47.9 27.3 67.3



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: 62.407 ng

RT: 16.72 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

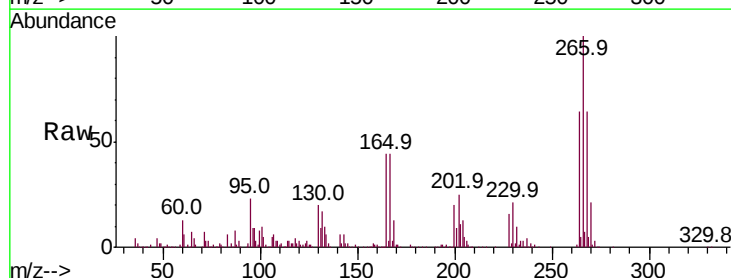
Tgt Ion:266 Resp: 757094

Ion Ratio Lower Upper

266 100

268 63.6 50.7 76.1

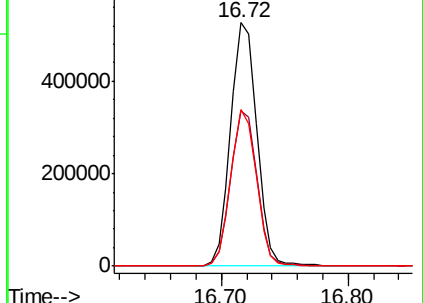
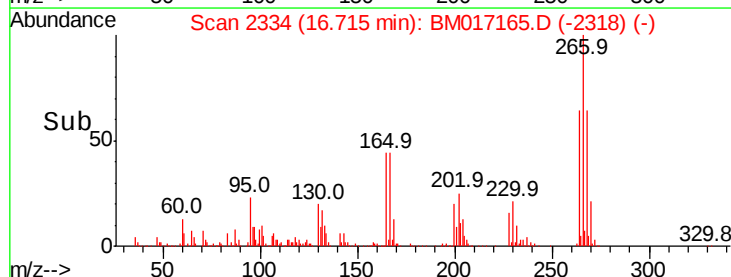
264 64.5 50.4 75.6

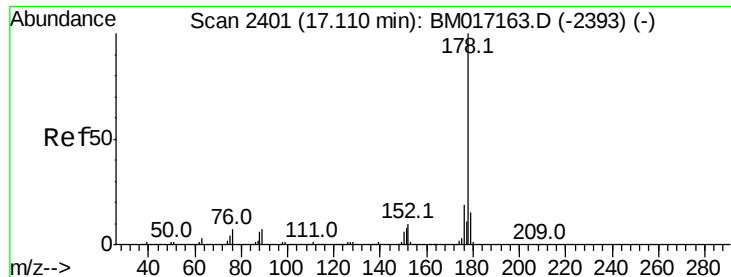


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

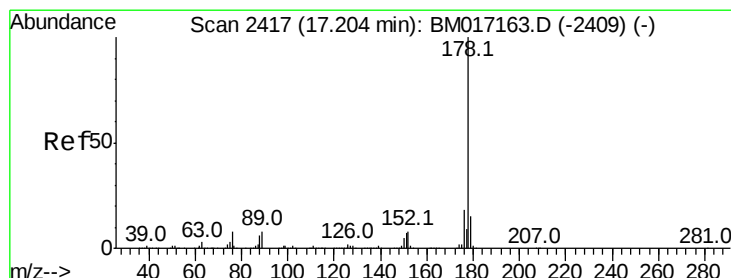
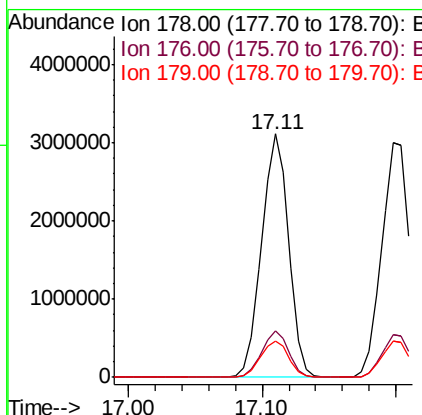
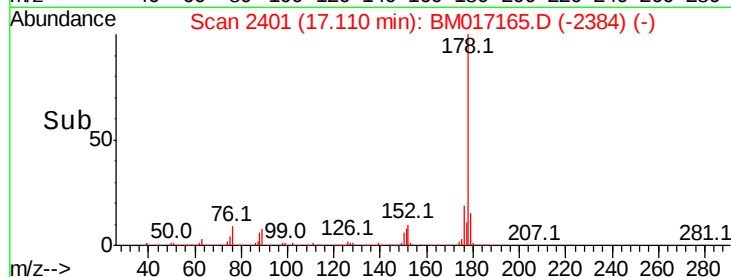
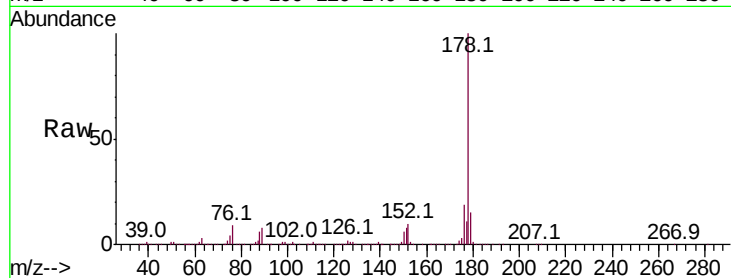




#71
Phenanthrene
Concen: 58.884 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

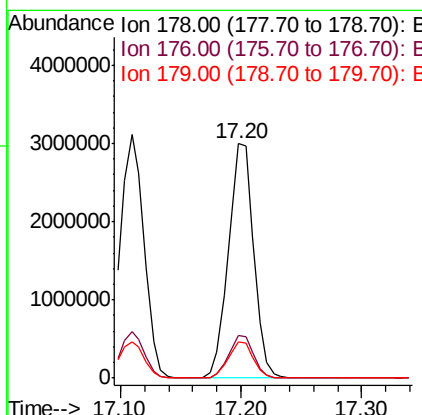
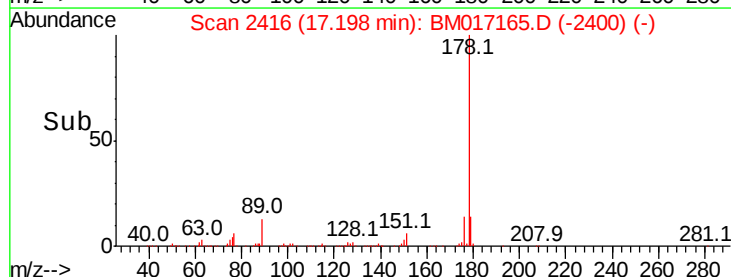
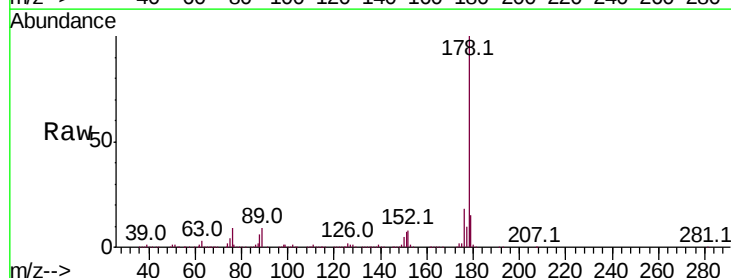
Instrument :
BNA_M
ClientSampleId :

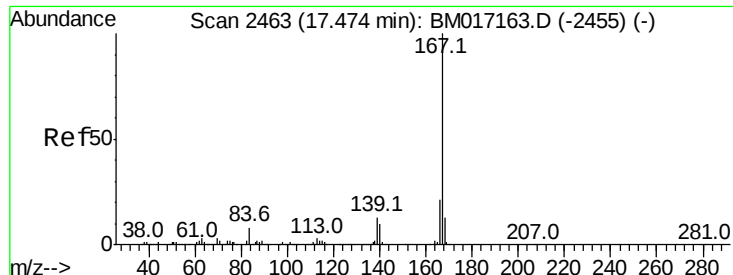
Tot Ion:178 Resp: 4345413
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.1 12.3 18.5



#72
Anthracene
Concen: 63.415 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion:178 Resp: 4360235
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.5 12.2 18.2



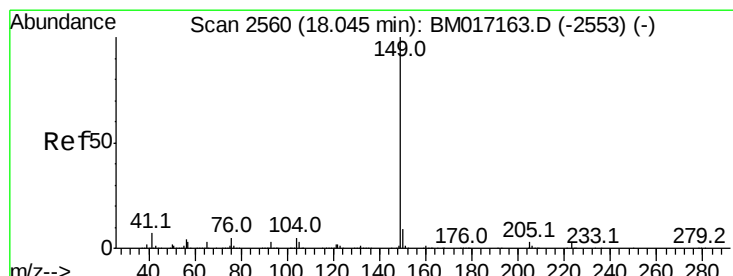
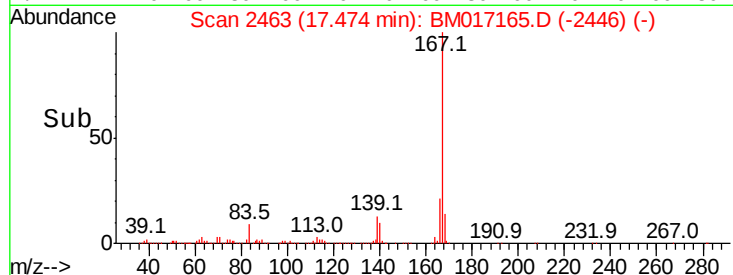
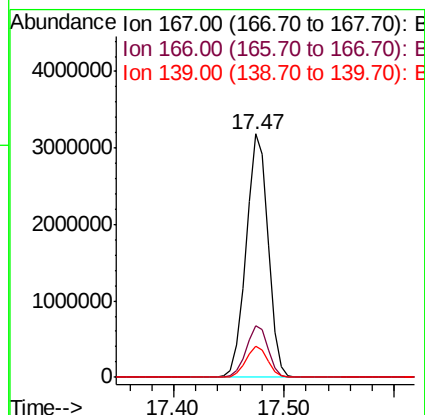
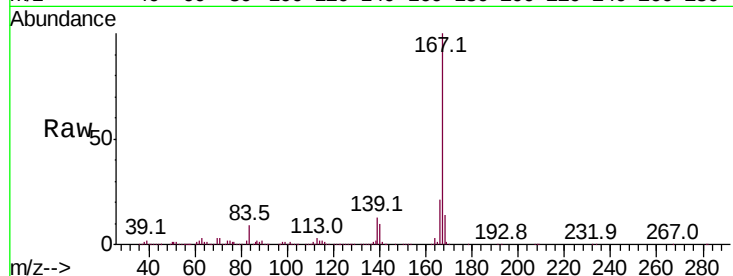


#73
 Carbazole
 Concen: 63.582 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BM017165.D
 Acq: 17 Oct 2018 12:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 4455189

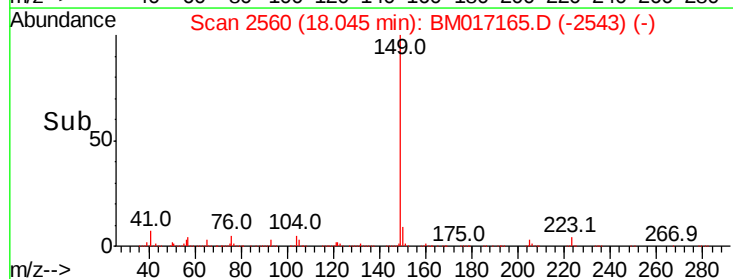
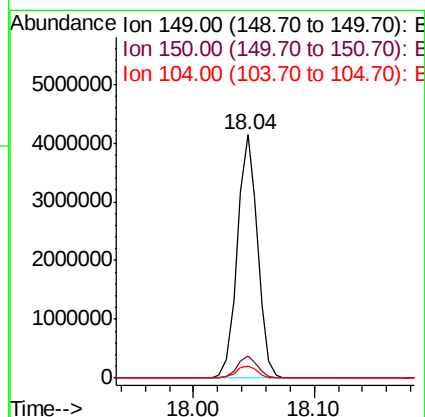
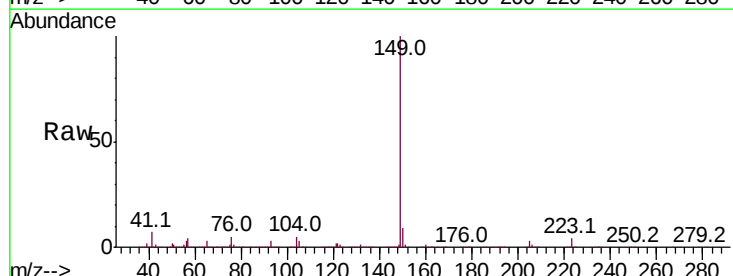
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.9	10.1	15.1

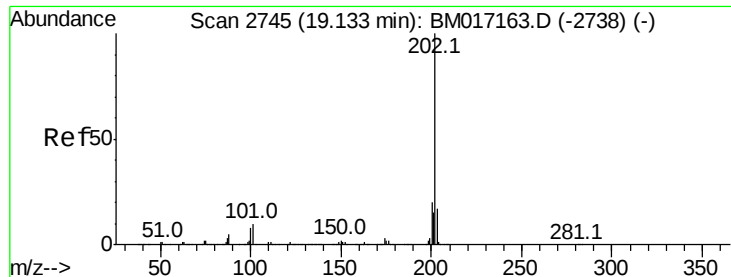


#74
 Di-n-butylphthalate
 Concen: 69.096 ng
 RT: 18.04 min Scan# 2560
 Delta R.T. 0.00 min
 Lab File: BM017165.D
 Acq: 17 Oct 2018 12:49

Tgt Ion:149 Resp: 4828110

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 61.580 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

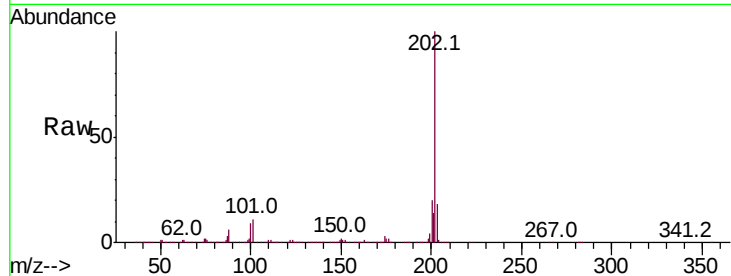
Tot Ion:202 Resp: 5097418

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.0

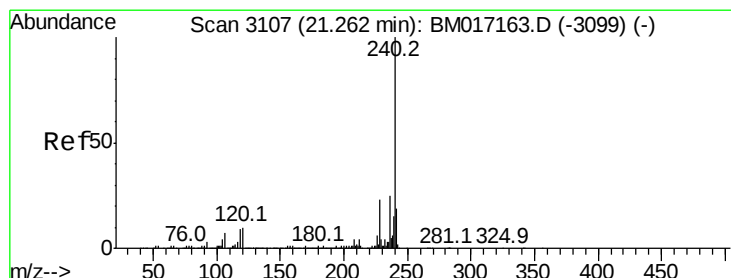
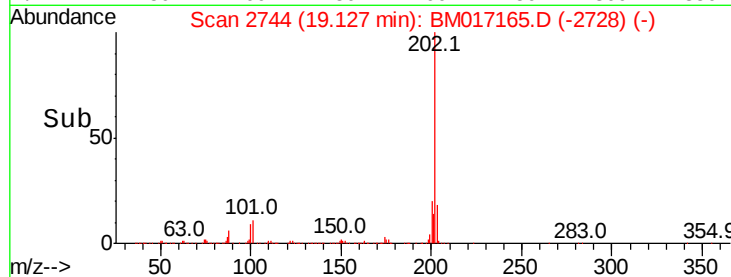
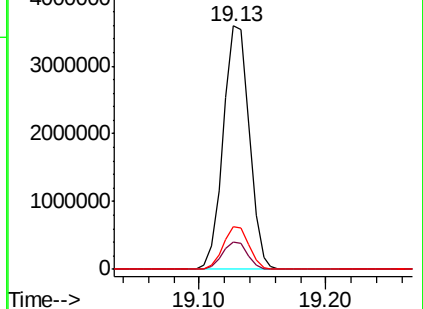
203 17.7 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

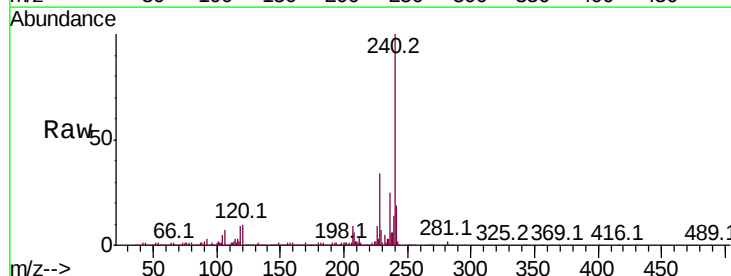
Tgt Ion:240 Resp: 1532365

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

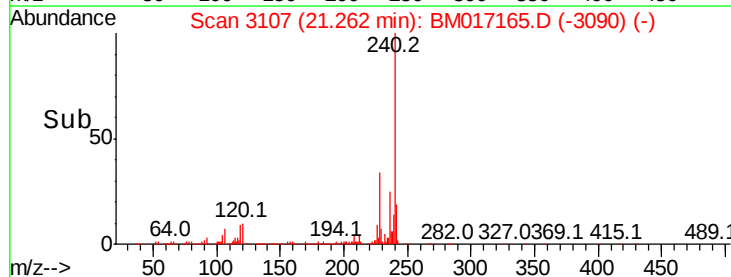
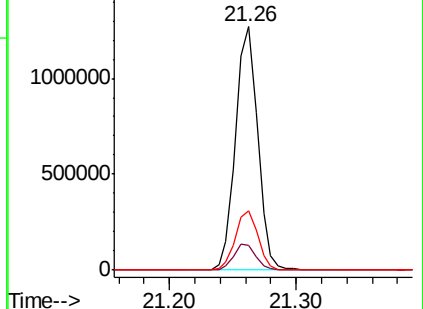
236 24.5 19.9 29.9

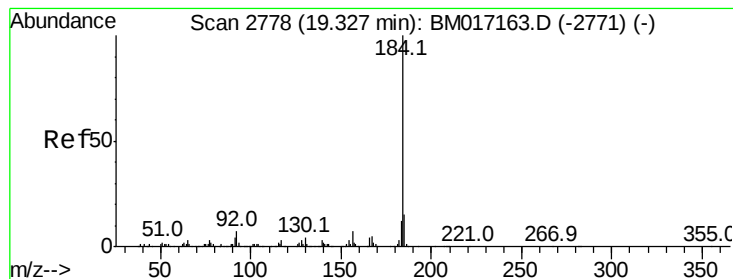


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 109.551 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

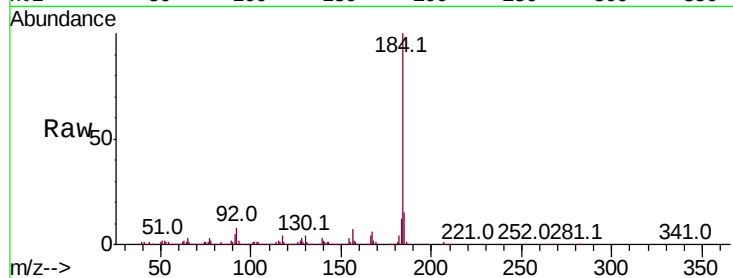
Tot Ion:184 Resp: 2342393

Ion Ratio Lower Upper

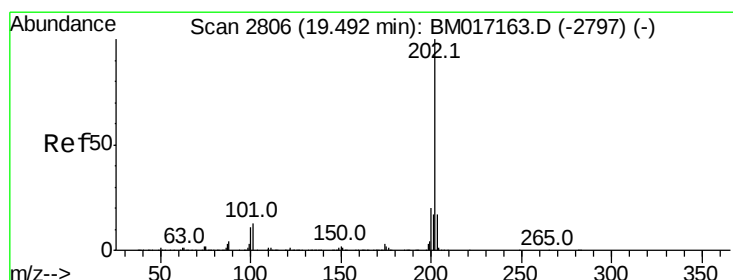
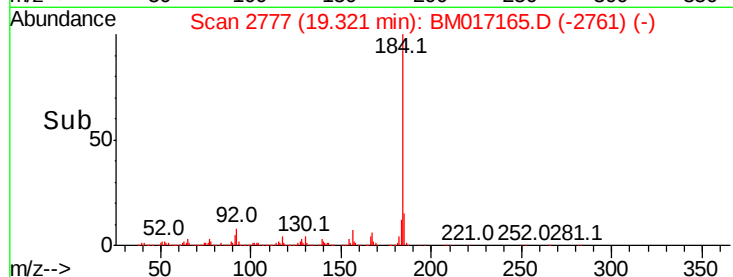
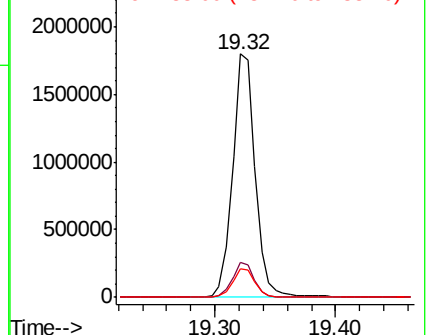
184 100

185 14.6 11.8 17.8

183 11.8 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 66.718 ng

RT: 19.49 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

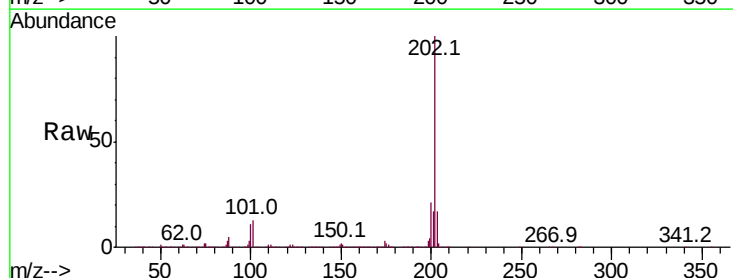
Tgt Ion:202 Resp: 5374582

Ion Ratio Lower Upper

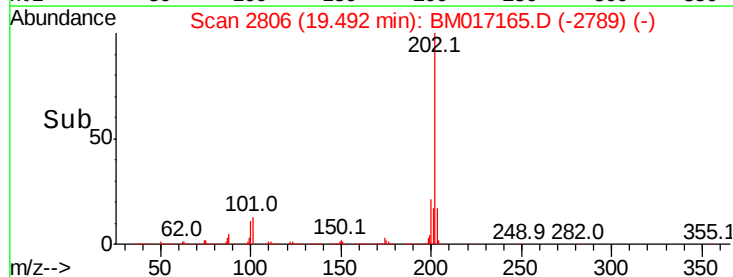
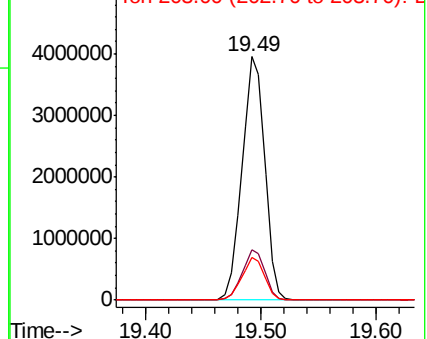
202 100

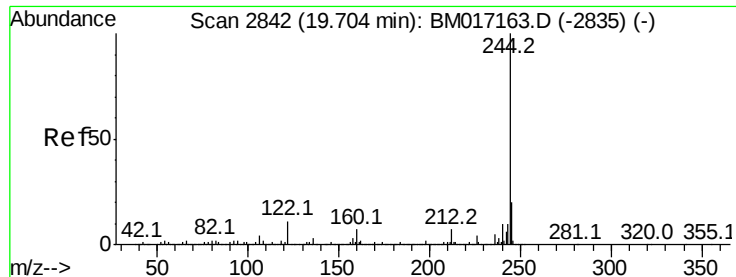
200 20.7 16.3 24.5

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



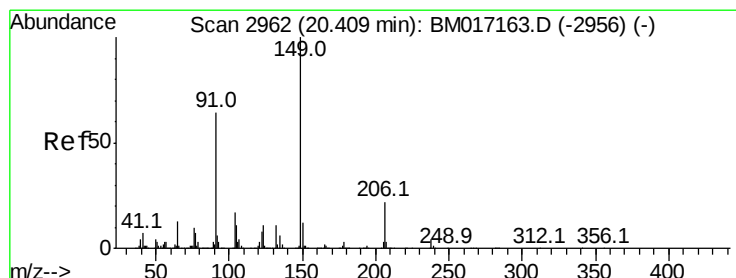
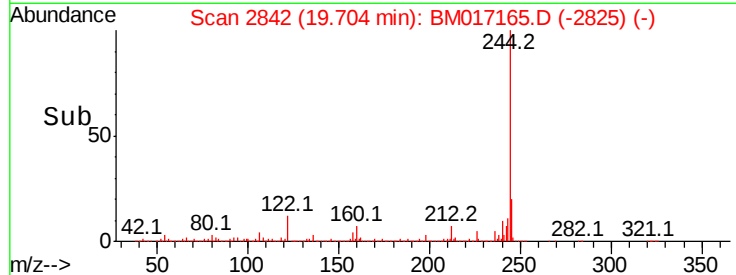
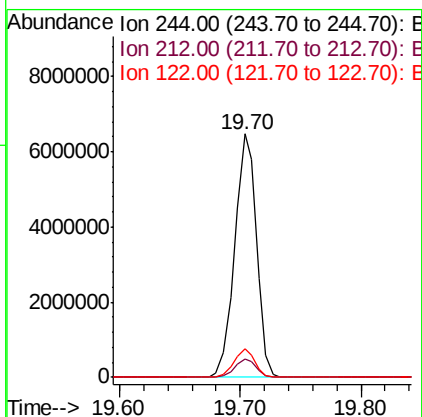
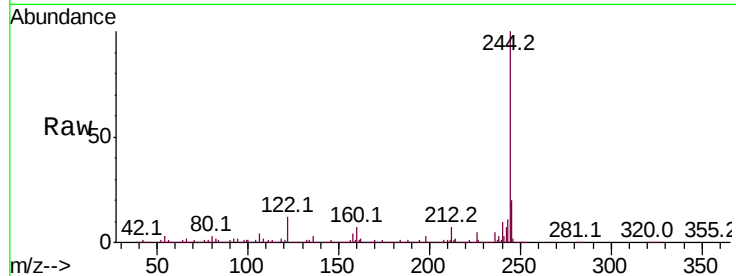


#79
 Terphenyl-d14
 Concen: 120.602 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.00 min
 Lab File: BM017165.D
 Acq: 17 Oct 2018 12:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 8152277

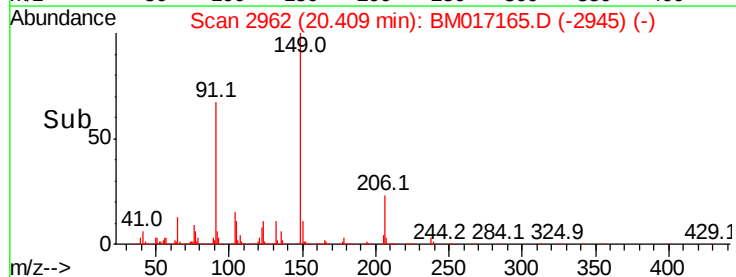
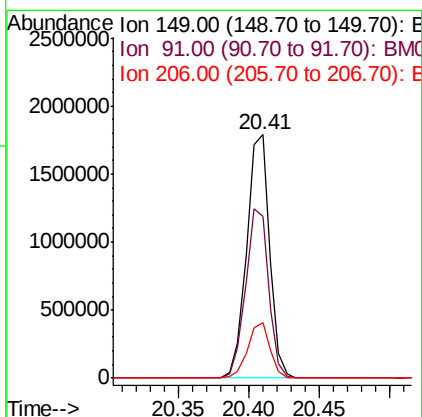
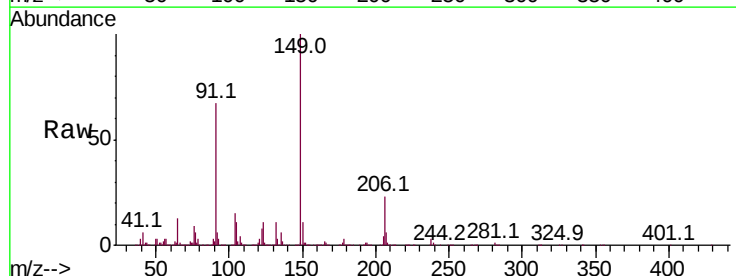
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	11.6	8.4	12.6

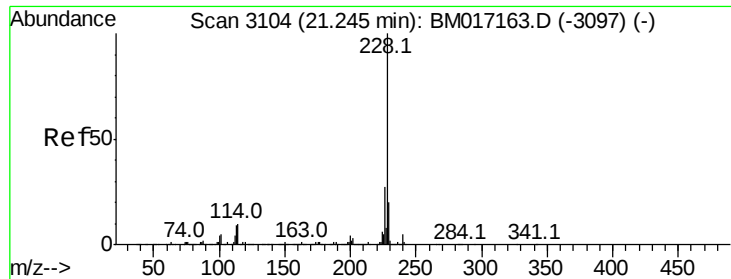


#80
 Butylbenzylphthalate
 Concen: 88.025 ng
 RT: 20.41 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: BM017165.D
 Acq: 17 Oct 2018 12:49

Tgt Ion:149 Resp: 2036451

Ion	Ratio	Lower	Upper
149	100		
91	66.6	51.3	76.9
206	22.9	18.0	27.0





#81

Benzo(a)anthracene

Concen: 60.119 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

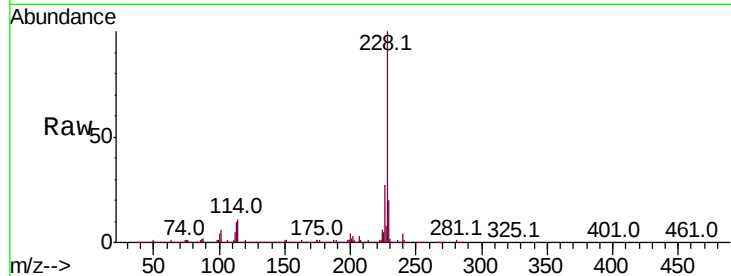
Tot Ion:228 Resp: 5196404

Ion Ratio Lower Upper

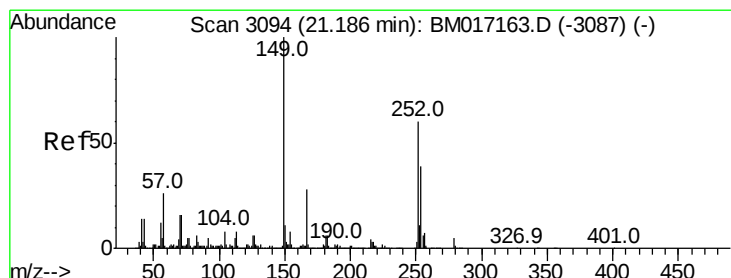
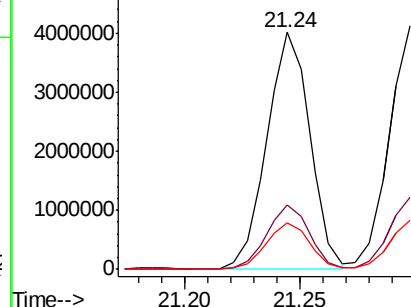
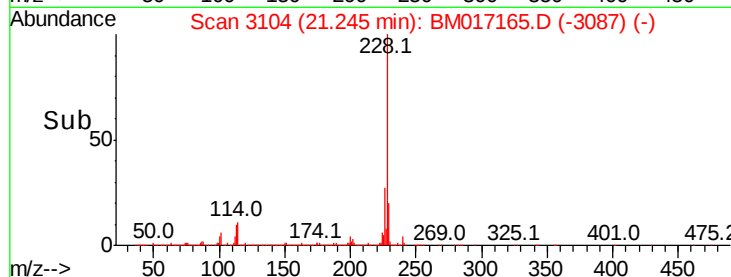
228 100

226 27.1 21.4 32.0

229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 72.663 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

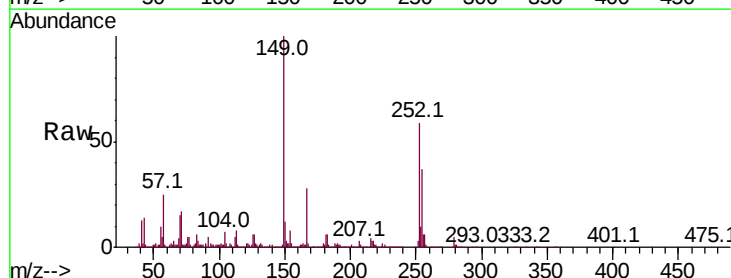
Tgt Ion:252 Resp: 1998621

Ion Ratio Lower Upper

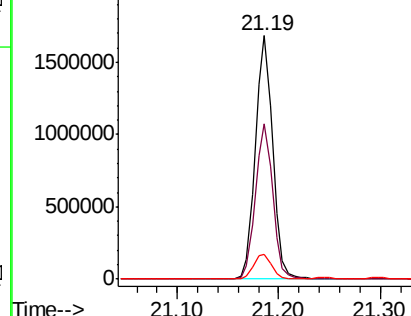
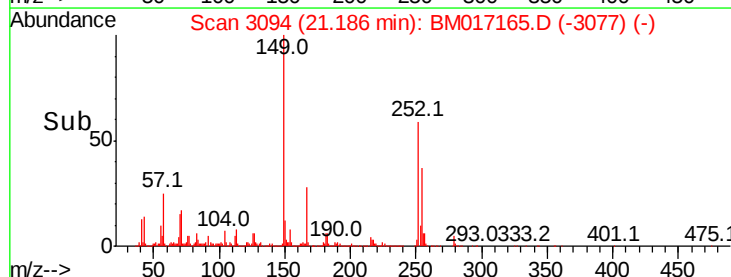
252 100

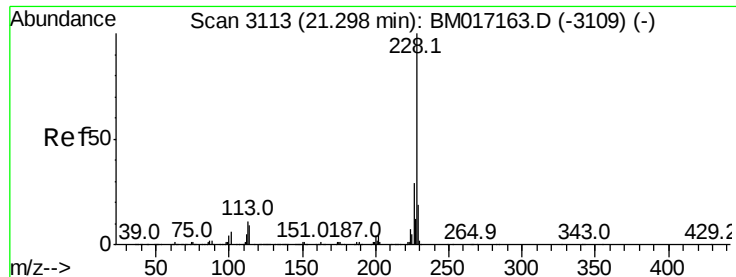
254 64.0 52.1 78.1

126 10.3 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: 59.739 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampled :

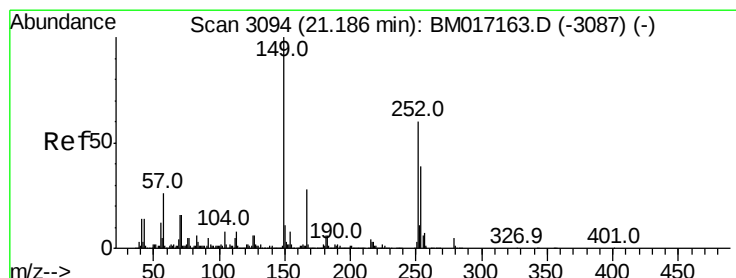
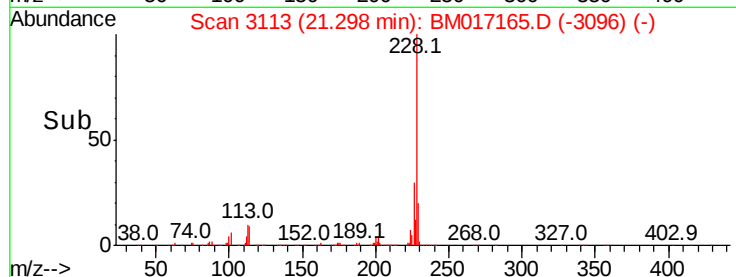
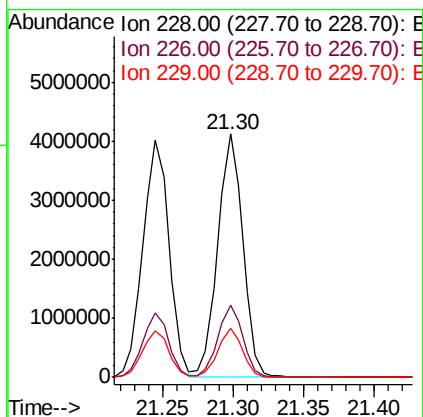
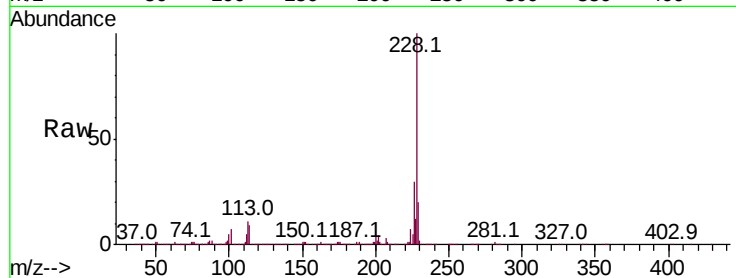
Tot Ion:228 Resp: 5101557

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.3	34.9
229	19.9	15.6	23.4

228 100

226 29.7 23.3 34.9

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.414 ng

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

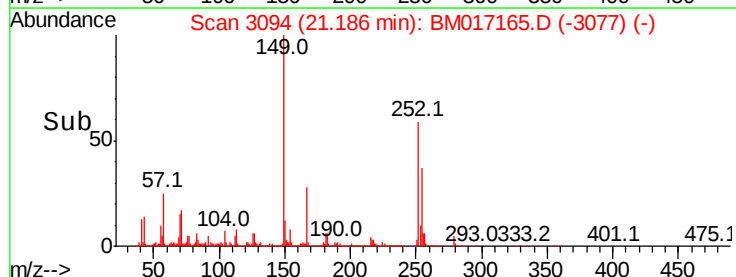
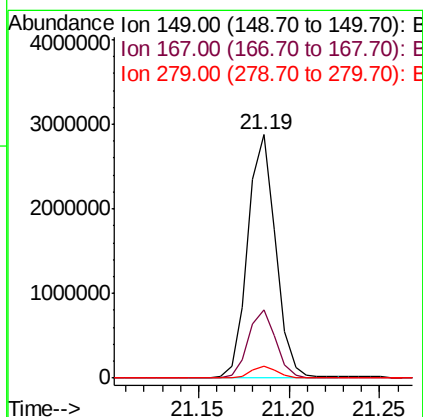
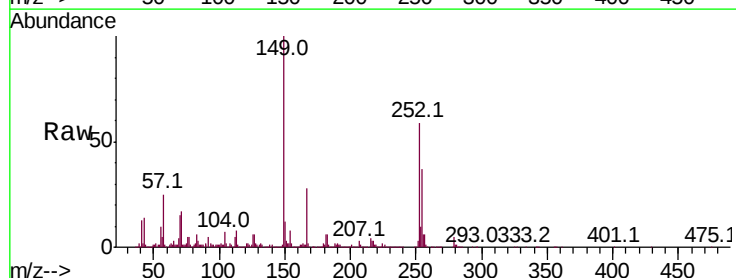
Tgt Ion:149 Resp: 3077870

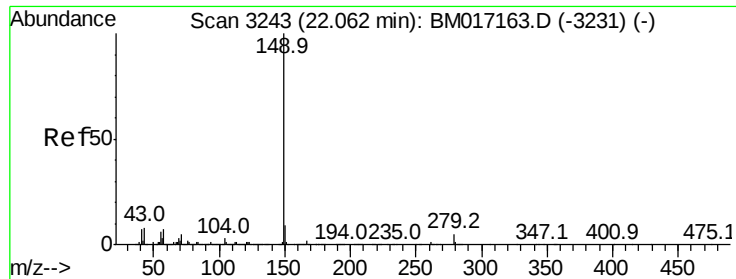
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.8	3.6	5.4

149 100

167 28.1 22.2 33.4

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 76.096 ng

RT: 22.06 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampled :

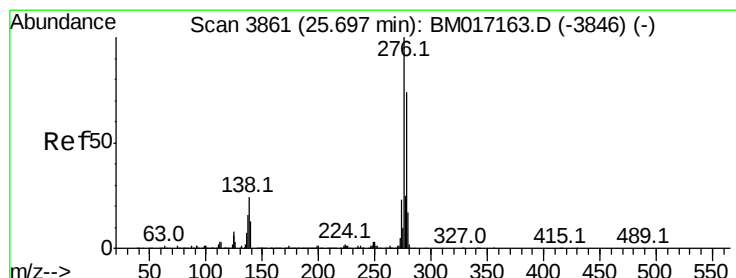
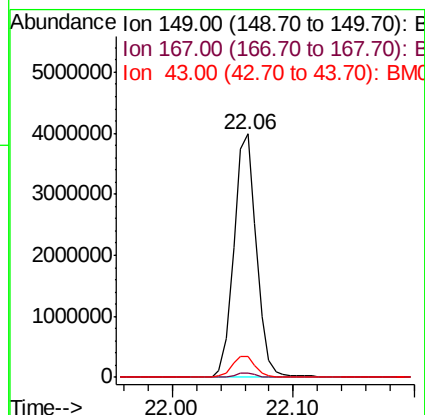
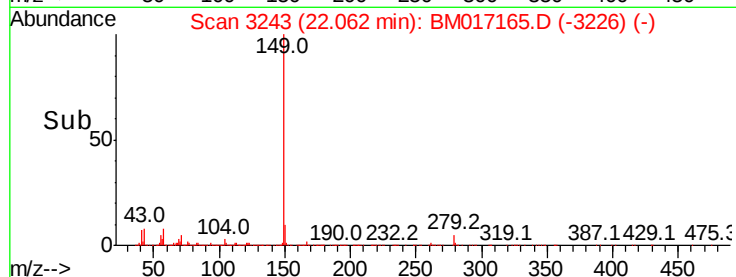
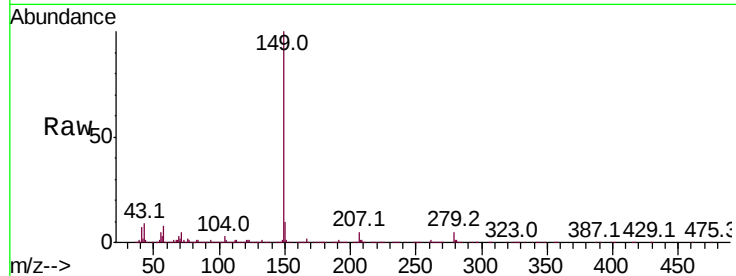
Tot Ion:149 Resp: 5188812

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 9.0 7.2 10.8



#86

Indeno(1,2,3-cd)pyrene

Concen: 55.665 ng

RT: 25.70 min Scan# 3862

Delta R.T. 0.01 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

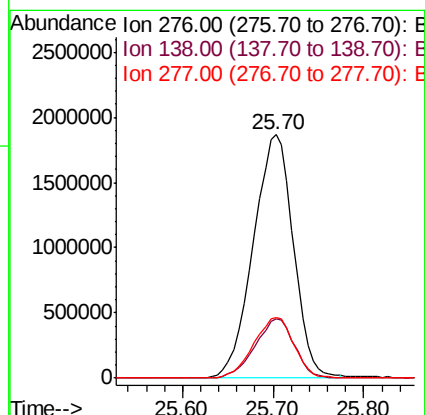
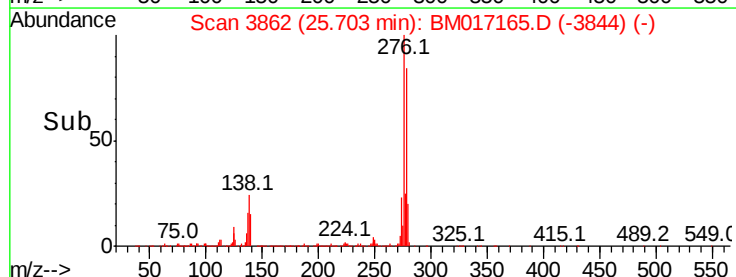
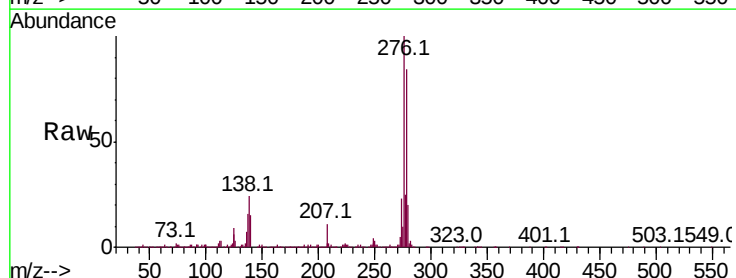
Tgt Ion:276 Resp: 5724053

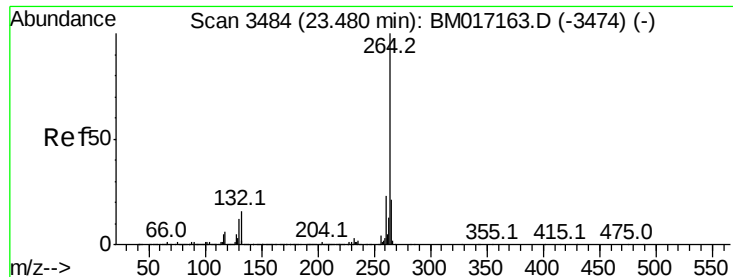
Ion Ratio Lower Upper

276 100

138 24.1 19.5 29.3

277 25.2 20.1 30.1



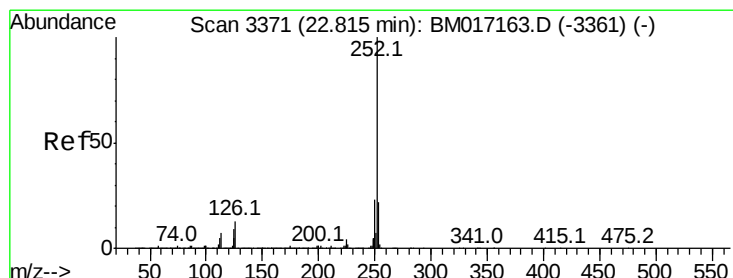
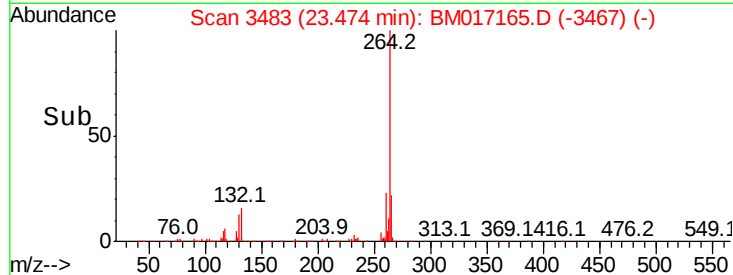
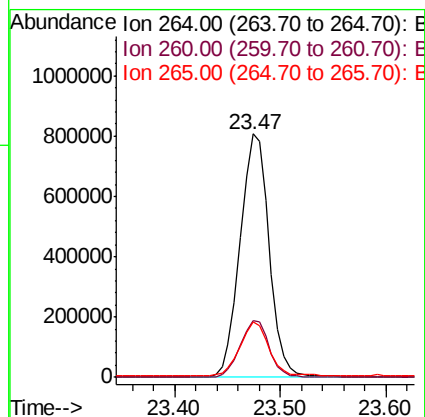
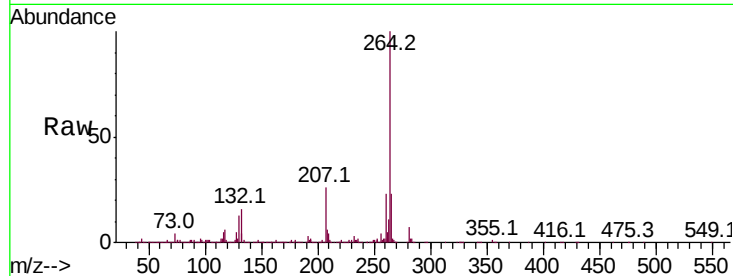


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. -0.01 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Instrument :
BNA_M
ClientSampled :

Tot Ion:264 Resp: 1540462

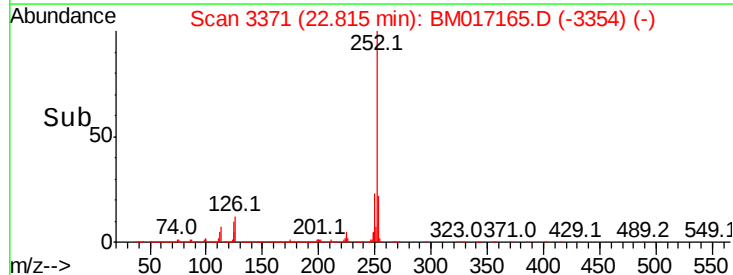
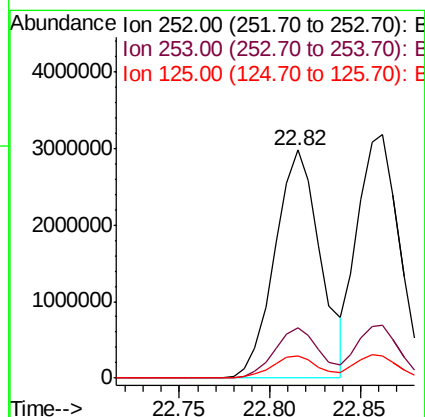
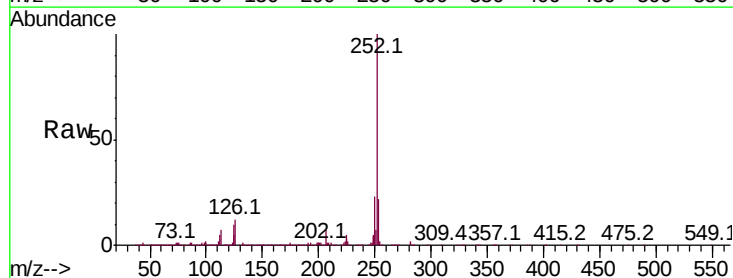
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.7	17.8	26.8

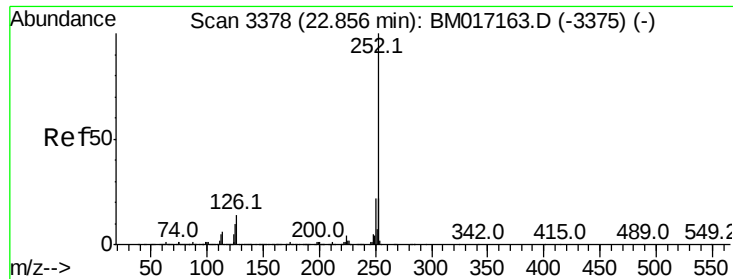


#88
Benzo(b)fluoranthene
Concen: 61.370 ng
RT: 22.82 min Scan# 3371
Delta R.T. -0.00 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion:252 Resp: 5211550

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.7	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 59.467 ng

RT: 22.86 min Scan# 3379

Delta R.T. 0.01 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA_M

ClientSampleId :

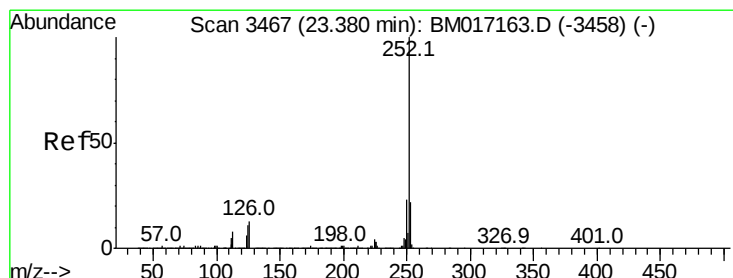
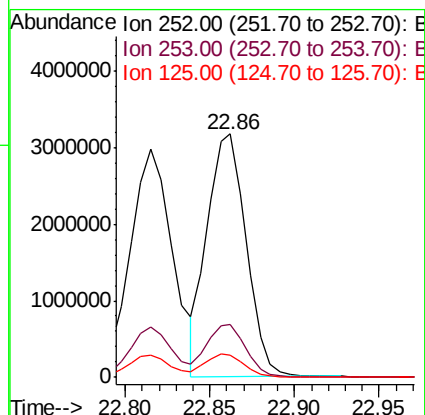
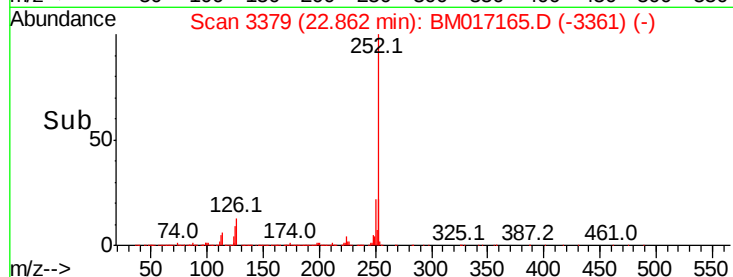
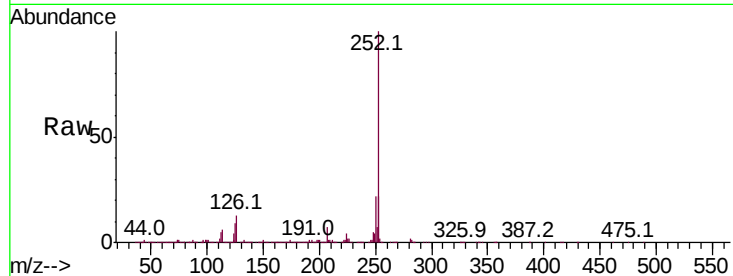
Tot Ion:252 Resp: 5079458

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.0 8.2 12.2



#90

Benzo(a)pyrene

Concen: 60.548 ng

RT: 23.39 min Scan# 3468

Delta R.T. 0.01 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

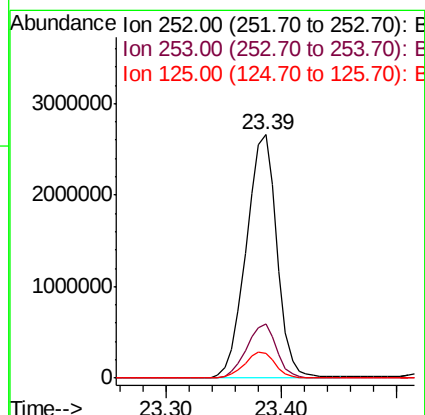
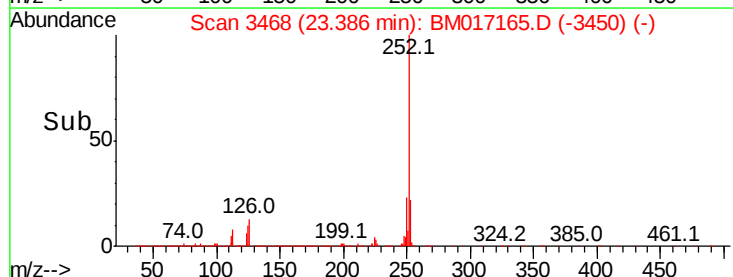
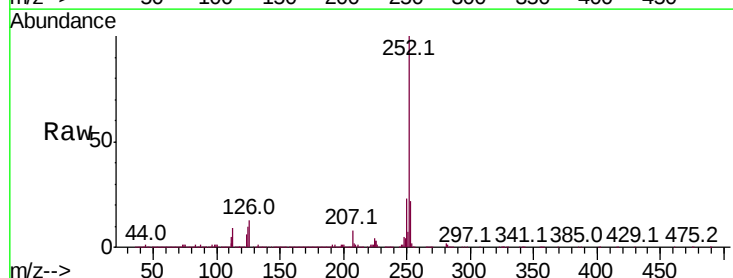
Tgt Ion:252 Resp: 4924637

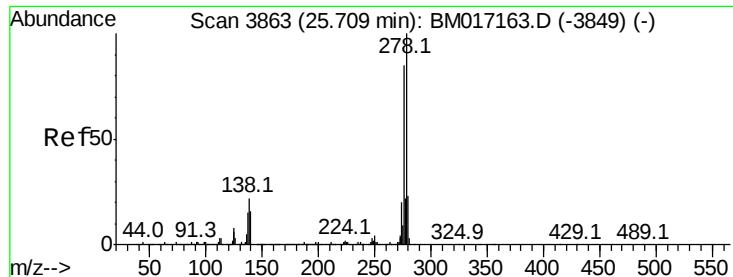
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.3 8.6 13.0

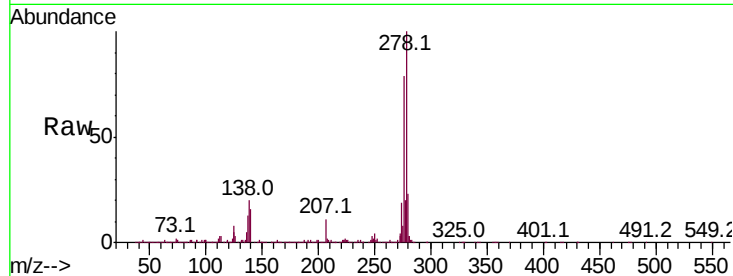




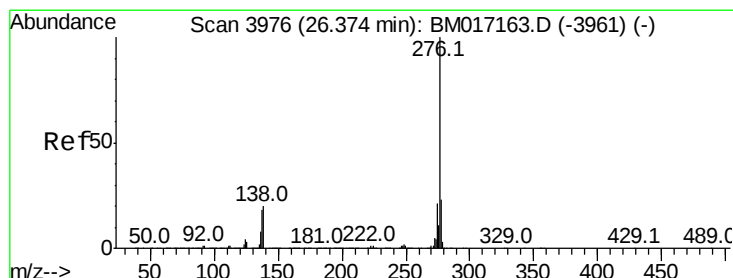
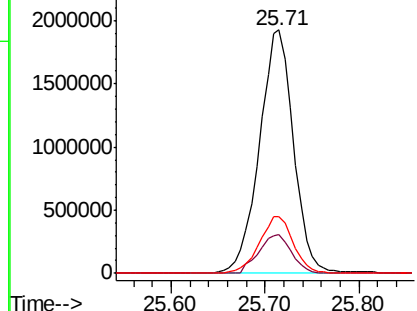
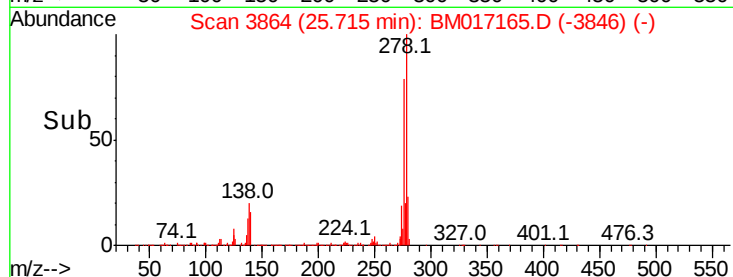
#91
Dibenzo(a,h)anthracene
Concen: 57.282 ng
RT: 25.71 min Scan# 3864
Delta R.T. 0.01 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 4820127
Ion Ratio Lower Upper
278 100
139 15.8 12.7 19.1
279 23.2 18.7 28.1

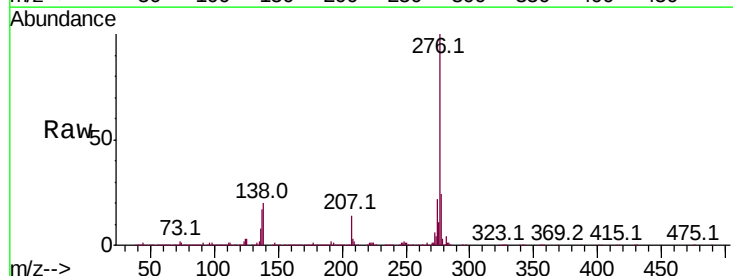


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 57.802 ng
RT: 26.38 min Scan# 3977
Delta R.T. 0.01 min
Lab File: BM017165.D
Acq: 17 Oct 2018 12:49

Tgt Ion:276 Resp: 4799007
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 20.3 16.4 24.6



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

