

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
 Data File : BM017282.D
 Acq On : 22 Oct 2018 17:03
 Operator : MJ/SJ
 Sample : PB113963BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 07:20:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	479099	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	2123179	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	1159454	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	2379083	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1840595	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1631243	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	4452902	157.20	ng	0.00
7) Phenol-d6	6.86	99	5854713	151.76	ng	0.00
23) Nitrobenzene-d5	8.82	82	2893996	79.72	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	2135146	136.17	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	6731187	77.24	ng	-0.01
79) Terphenyl-d14	19.69	244	7395429	90.56	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	316325	21.869	ng	89
3) Pyridine	3.64	79	926937	27.851	ng	88
4) n-Nitrosodimethylamine	3.56	42	531643	39.791	ng	# 73
6) Aniline	7.01	93	1905532	39.489	ng	99
8) 2-Chlorophenol	7.24	128	1505431	45.938	ng	99
9) Benzaldehyde	6.82	77	818095	33.258	ng	95
10) Phenol	6.89	94	1815687	43.730	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	1318640	39.839	ng	99
12) 1,3-Dichlorobenzene	7.55	146	1495232	39.141	ng	98
13) 1,4-Dichlorobenzene	7.70	146	1546823	39.632	ng	97
14) 1,2-Dichlorobenzene	8.01	146	1492280	39.684	ng	99
15) Benzyl Alcohol	7.91	79	1286236	45.612	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1784573	38.592	ng	99
17) 2-Methylphenol	8.11	107	1231954	46.226	ng	99
18) Hexachloroethane	8.73	117	551421	41.284	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	1060331	41.740	ng	98
20) 3+4-Methylphenols	8.44	107	1650874	45.291	ng	98
22) Acetophenone	8.49	105	2117019	39.335	ng	# 99
24) Nitrobenzene	8.86	77	1565480	40.768	ng	98
25) Isophorone	9.39	82	2847613	47.503	ng	98
26) 2-Nitrophenol	9.56	139	808277	45.335	ng	98
27) 2,4-Dimethylphenol	9.63	122	1377626	51.972	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	1819380	43.121	ng	100
29) 2,4-Dichlorophenol	10.09	162	1409054	45.784	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	1466210	39.713	ng	99
31) Naphthalene	10.49	128	4419079	42.471	ng	99
32) Benzoic acid	9.79	122	683440	34.556	ng	94
33) 4-Chloroaniline	10.60	127	1012051	22.521	ng	98
34) Hexachlorobutadiene	10.77	225	913238	39.039	ng	98
35) Caprolactam	11.42	113	164807	14.694	ng	96
36) 4-Chloro-3-methylphenol	11.74	107	1460586	42.102	ng	97
37) 2-Methylnaphthalene	12.10	142	3274846	45.995	ng	99
38) 1-Methylnaphthalene	12.33	142	3066666	44.253	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1668487	40.862	ng	99

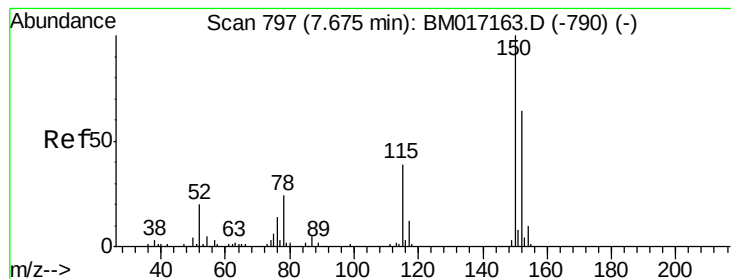
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	2099117	106.340	ng	97
43) 2,4,6-Trichlorophenol	12.73	196	1107519	46.725	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	1162228	45.725	ng	98
46) 1,1'-Biphenyl	13.13	154	4017541	38.505	ng	99
47) 2-Chloronaphthalene	13.17	162	3107844	40.488	ng	99
48) 2-Nitroaniline	13.39	65	887176	41.751	ng	98
49) Acenaphthylene	14.03	152	4966047	44.634	ng	100
50) Dimethylphthalate	13.78	163	3707666	41.448	ng	100
51) 2,6-Dinitrotoluene	13.89	165	823342	41.819	ng	97
52) Acenaphthene	14.37	154	2883883	41.282	ng	99
53) 3-Nitroaniline	14.22	138	619842	29.069	ng	94
54) 2,4-Dinitrophenol	14.43	184	263959	28.730	ng	97
55) Dibenzofuran	14.71	168	4542410	39.101	ng	100
56) 4-Nitrophenol	14.55	139	1792132	91.497	ng	98
57) 2,4-Dinitrotoluene	14.69	165	1117317	42.224	ng	100
58) Fluorene	15.36	166	3598314	41.847	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	1005789	43.411	ng	99
60) Diethylphthalate	15.15	149	3653678	41.186	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1845384	37.644	ng	96
62) 4-Nitroaniline	15.40	138	805965	35.269	ng	97
63) Azobenzene	15.65	77	3458574	40.111	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	287679	23.086	ng	97
66) n-Nitrosodiphenylamine	15.58	169	3160387	43.907	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	1167121	44.679	ng	95
68) Hexachlorobenzene	16.36	284	1240739	40.889	ng	98
69) Atrazine	16.54	200	1121679	43.541	ng	99
70) Pentachlorophenol	16.71	266	1251176	60.192	ng	98
71) Phenanthrene	17.10	178	5339994	41.602	ng	99
72) Anthracene	17.19	178	5458352	44.754	ng	99
73) Carbazole	17.46	167	4701858	37.740	ng	99
74) Di-n-butylphthalate	18.03	149	5820995	44.298	ng	99
75) Fluoranthene	19.12	202	5659230	39.181	ng	99
77) Benzidine	19.32	184	3099031	66.402	ng	98
78) Pyrene	19.48	202	5478271	53.253	ng	99
80) Butylbenzylphthalate	20.39	149	2299077	57.127	ng	93
81) Benzo(a)anthracene	21.23	228	4550440	43.933	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1209698	31.336	ng	100
83) Chrysene	21.29	228	4298977	41.933	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	3130841	51.801	ng	99
85) Di-n-octyl phthalate	22.04	149	4714367	46.641	ng	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	4645153	40.509	ng	99
88) Benzo(b)fluoranthene	22.80	252	4136484	46.380	ng	100
89) Benzo(k)fluoranthene	22.84	252	3857868	43.109	ng	99
90) Benzo(a)pyrene	23.36	252	3885928	45.890	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3891152	46.277	ng	98
92) Benzo(g,h,i)perylene	26.35	276	3985815	47.828	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

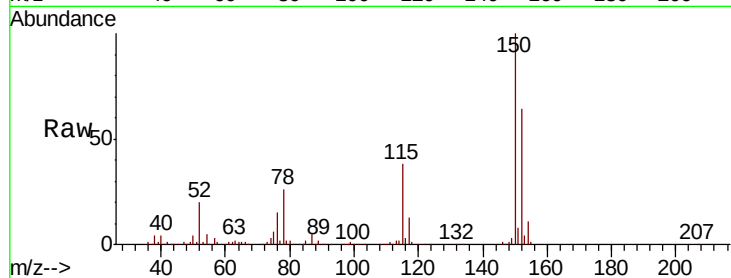
Tot Ion:152 Resp: 479099

Ion Ratio Lower Upper

152 100

150 156.0 124.3 186.5

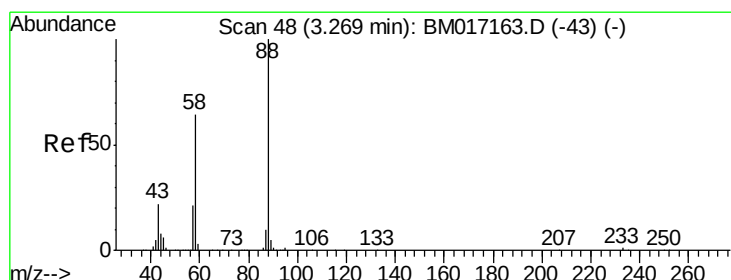
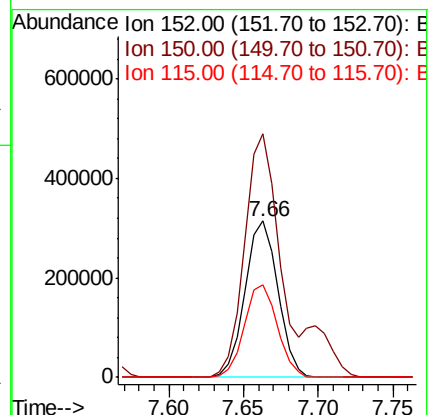
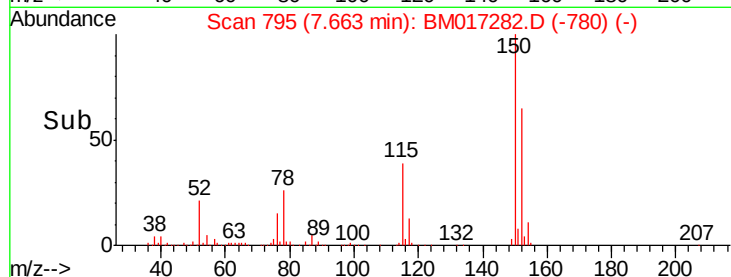
115 59.4 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 21.869 ng

RT: 3.26 min Scan# 47

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

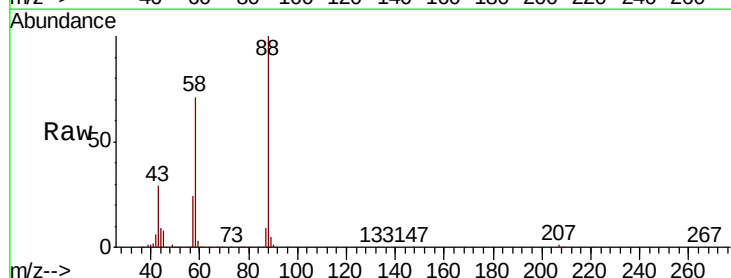
Tgt Ion: 88 Resp: 316325

Ion Ratio Lower Upper

88 100

58 72.0 50.2 75.4

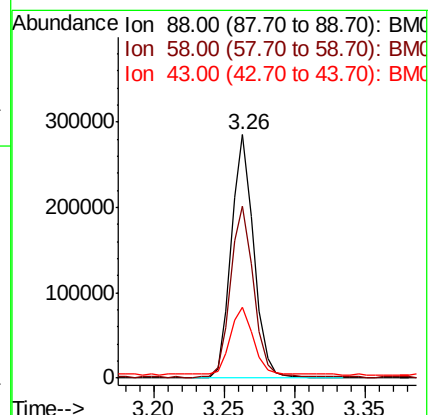
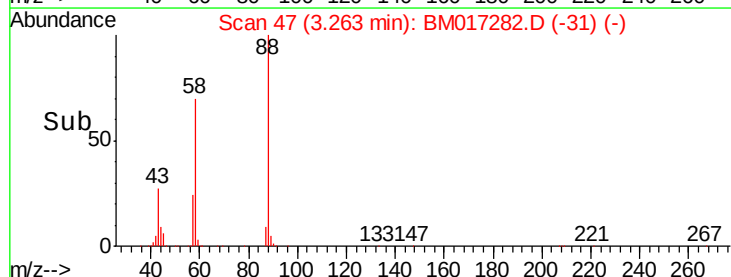
43 28.4 19.3 28.9

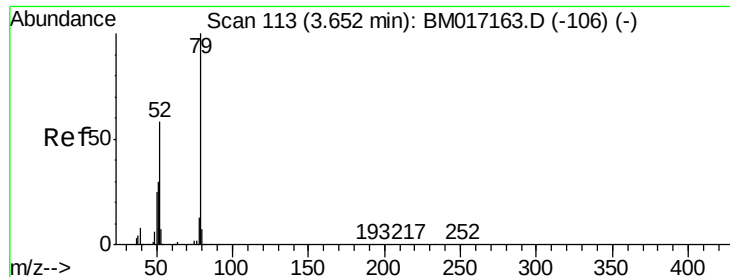


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 27.851 ng

RT: 3.64 min Scan# 111

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

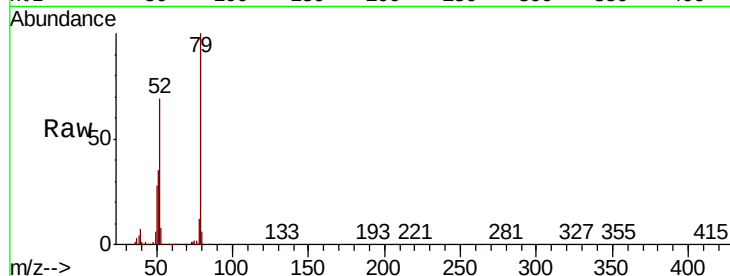
Tot Ion: 79 Resp: 926937

Ion Ratio Lower Upper

79 100

52 69.5 46.5 69.7

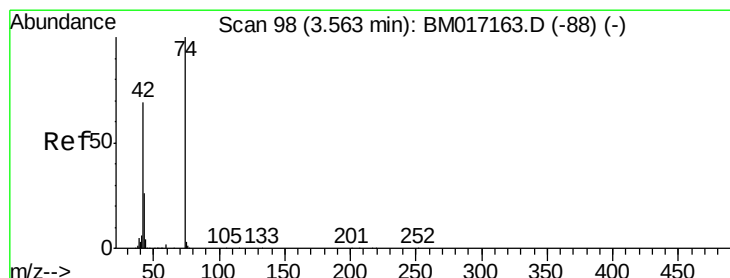
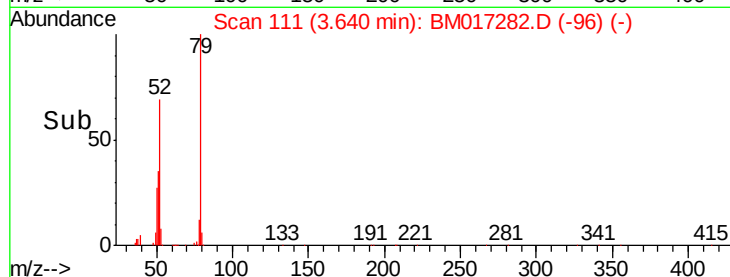
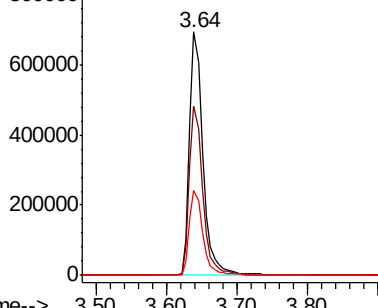
51 34.7 24.6 37.0



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

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

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



#4

n-Nitrosodimethylamine

Concen: 39.791 ng

RT: 3.56 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

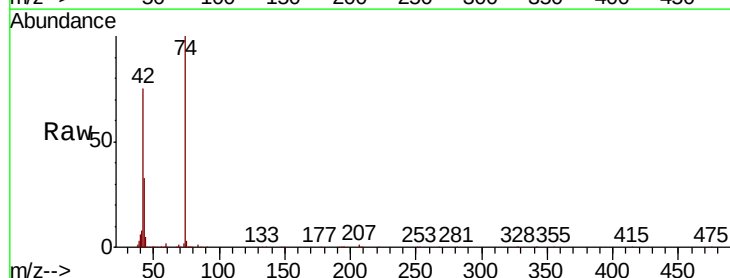
Tgt Ion: 42 Resp: 531643

Ion Ratio Lower Upper

42 100

74 132.8 114.4 171.6

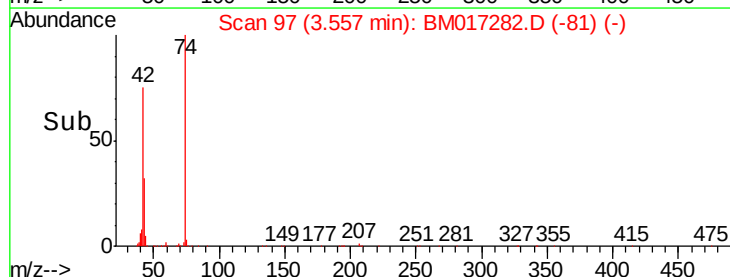
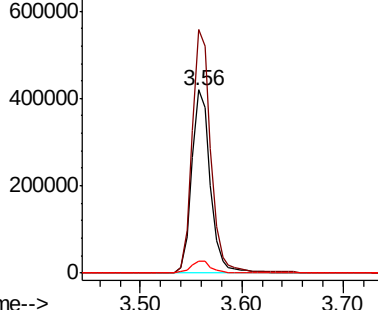
44 6.5 48.6 73.0#

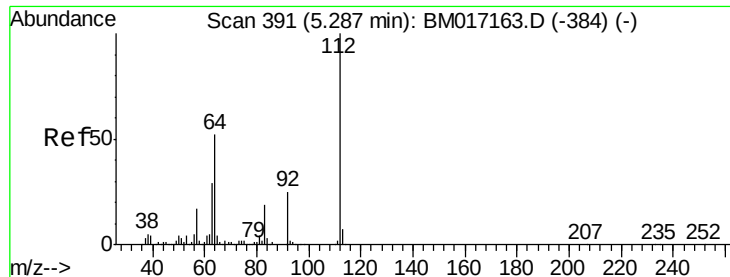


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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

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





#5

2-Fluorophenol

Concen: 157.198 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

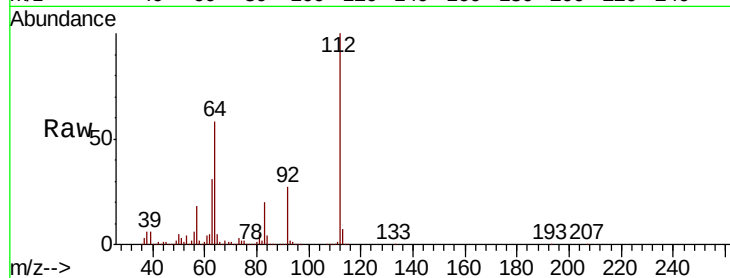
Instrument :

BNA_M

ClientSampled :

Tot Ion:112 Resp: 4452902

Ion	Ratio	Lower	Upper
112	100		
64	58.5	41.7	62.5
63	30.7	23.0	34.4

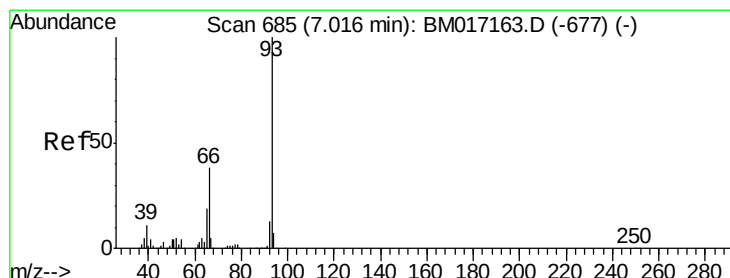
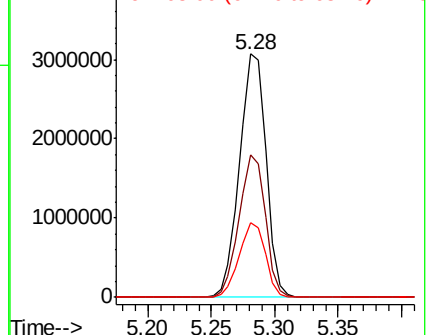
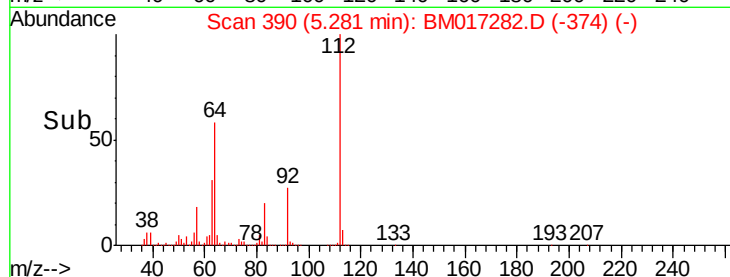


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 39.489 ng

RT: 7.01 min Scan# 684

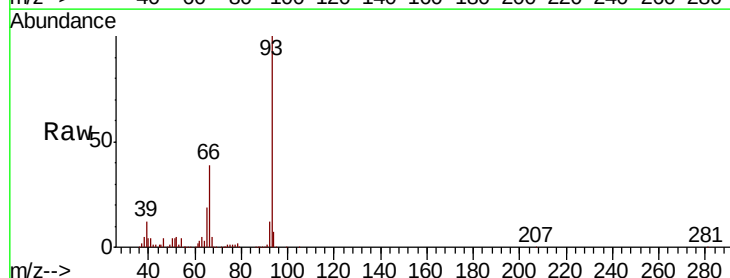
Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion: 93 Resp: 1905532

Ion	Ratio	Lower	Upper
93	100		
66	38.6	30.4	45.6
65	19.5	15.3	22.9

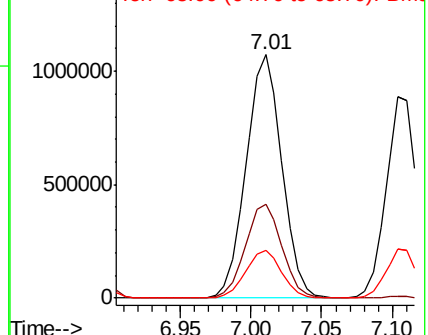
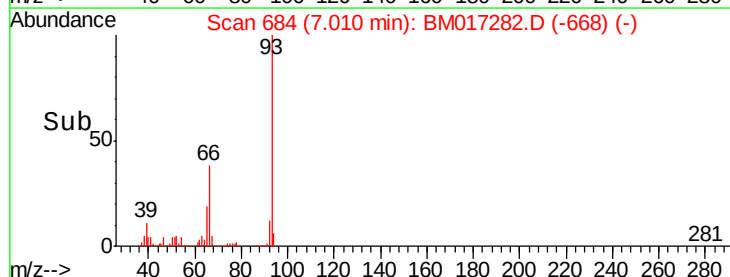


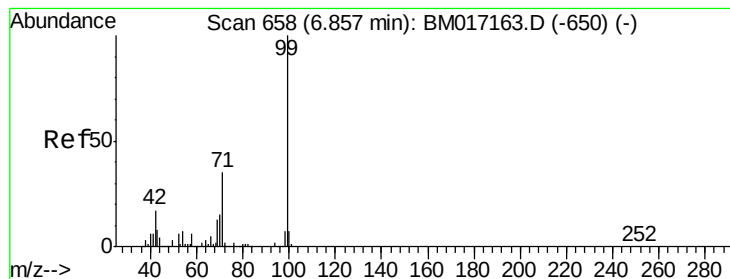
Abundance

Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 151.758 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

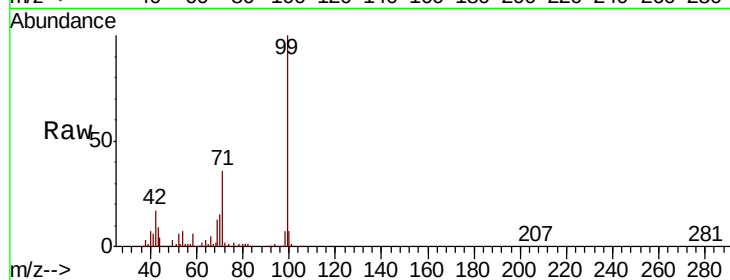
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 5854713

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.3	19.9
71	35.9	28.0	42.0

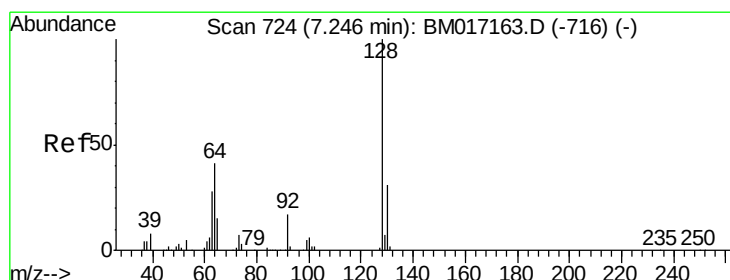
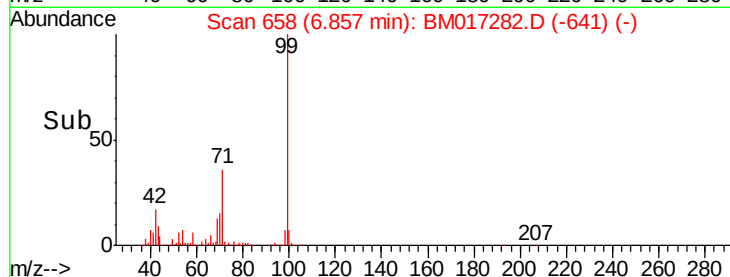
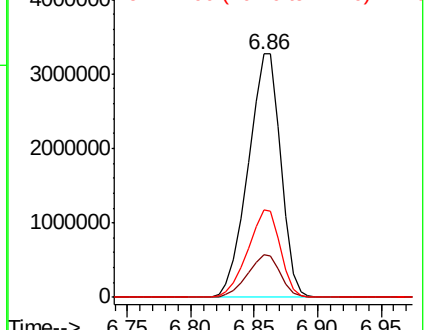


Abundance

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

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

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



#8

2-Chlorophenol

Concen: 45.938 ng

RT: 7.24 min Scan# 723

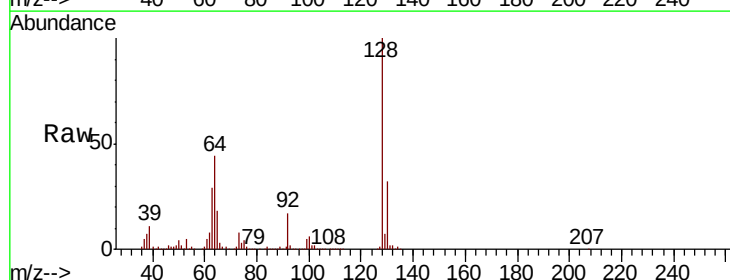
Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion: 128 Resp: 1505431

Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.0	51.0
64	44.5	24.1	64.1

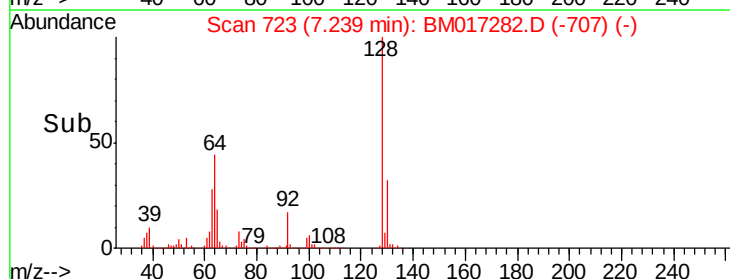
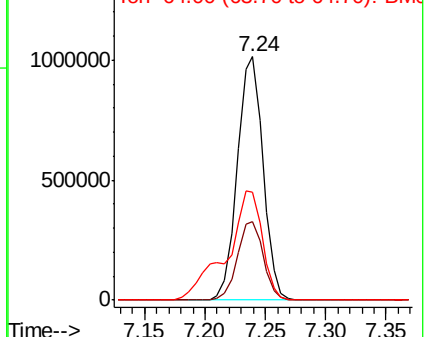


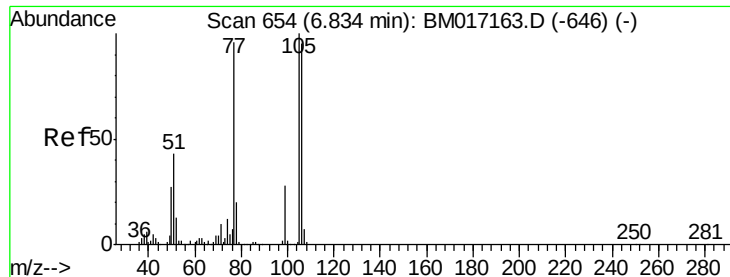
Abundance

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

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

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





#9

Benzaldehyde

Concen: 33.258 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

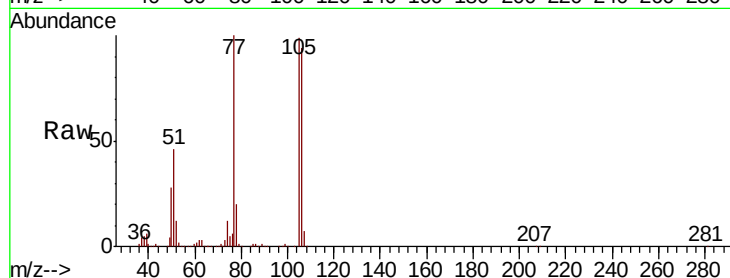
Tot Ion: 77 Resp: 818095

Ion Ratio Lower Upper

77 100

105 98.7 83.9 123.9

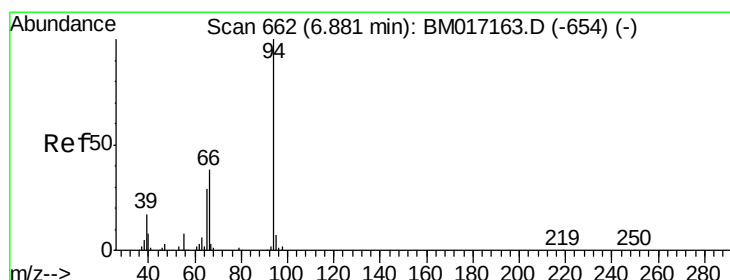
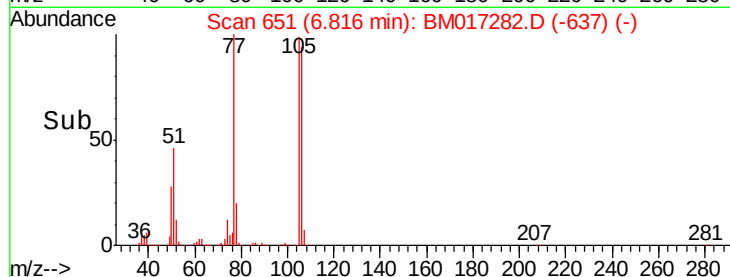
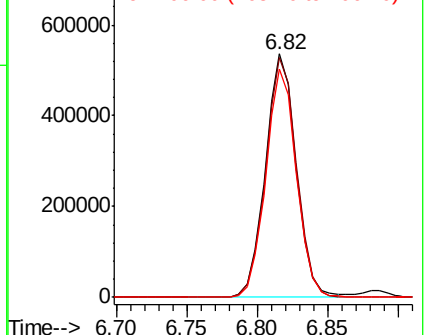
106 93.5 78.2 118.2



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

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

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



#10

Phenol

Concen: 43.730 ng

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

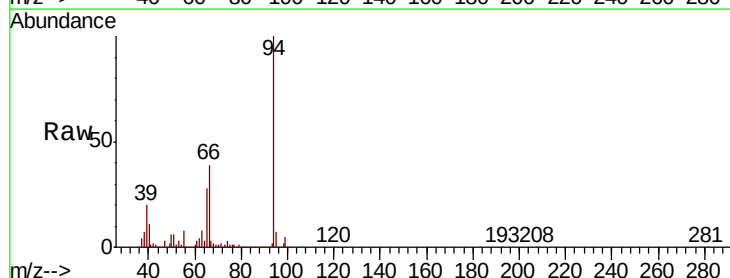
Tgt Ion: 94 Resp: 1815687

Ion Ratio Lower Upper

94 100

65 28.2 9.4 49.4

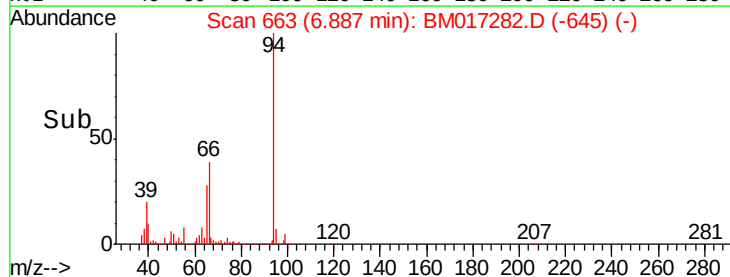
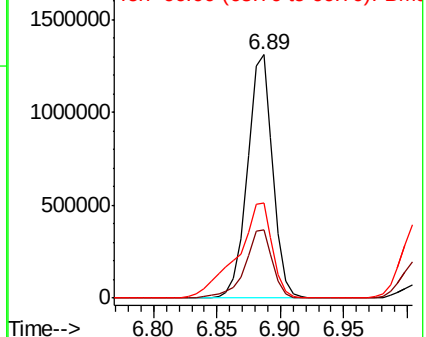
66 39.1 19.0 59.0

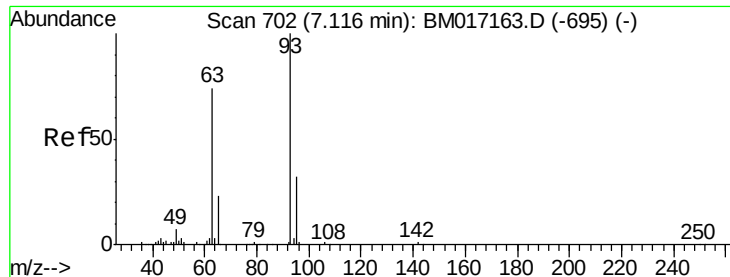


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

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

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

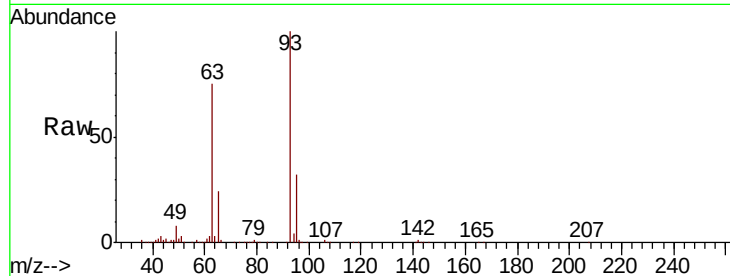




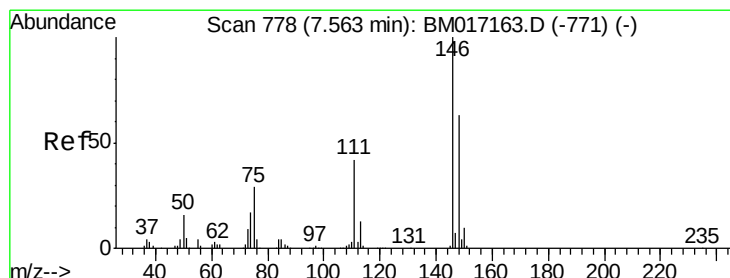
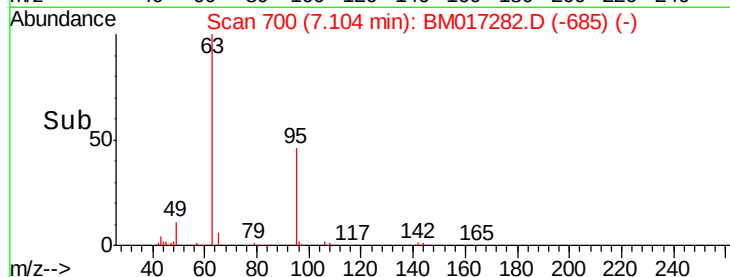
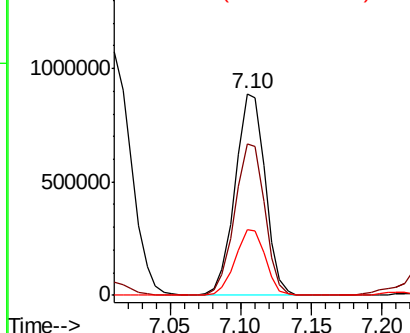
#11
bis(2-Chloroethyl)ether
Concen: 39.839 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampled :

Tot Ion: 93 Resp: 1318640
Ion Ratio Lower Upper
93 100
63 75.5 54.0 94.0
95 32.3 11.8 51.8

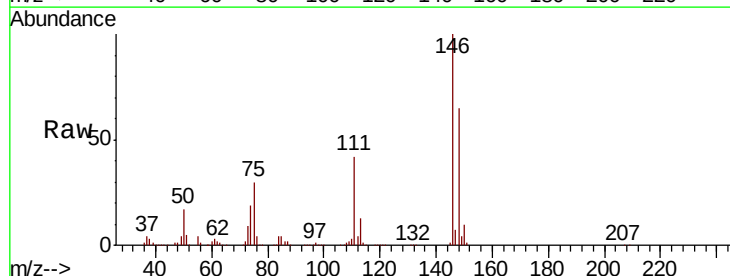


Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0

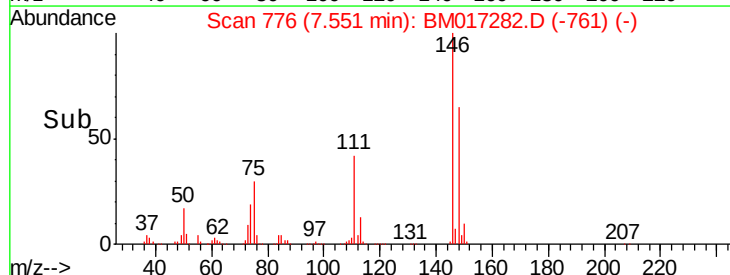
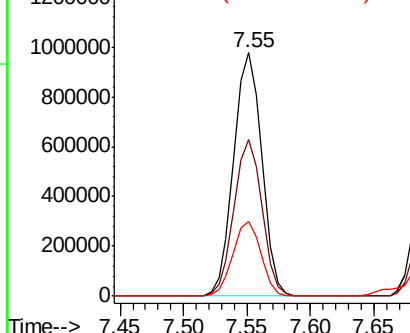


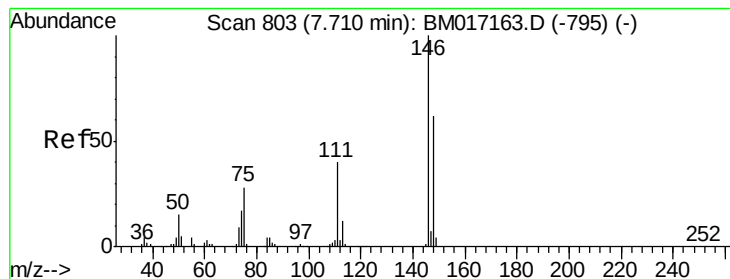
#12
1,3-Dichlorobenzene
Concen: 39.141 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion: 146 Resp: 1495232
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.4
75 30.5 23.3 34.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BM0





#13

1,4-Dichlorobenzene

Concen: 39.632 ng

RT: 7.70 min Scan# 801

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampled :

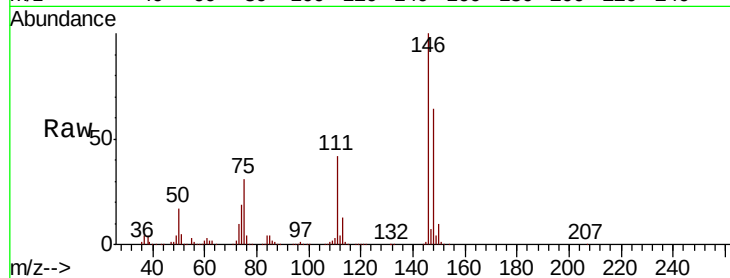
Tot Ion:146 Resp: 1546823

Ion Ratio Lower Upper

146 100

148 64.2 49.8 74.6

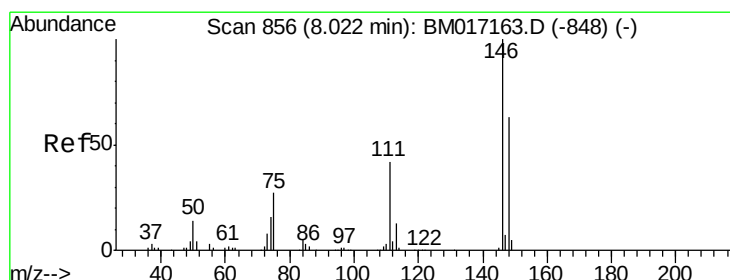
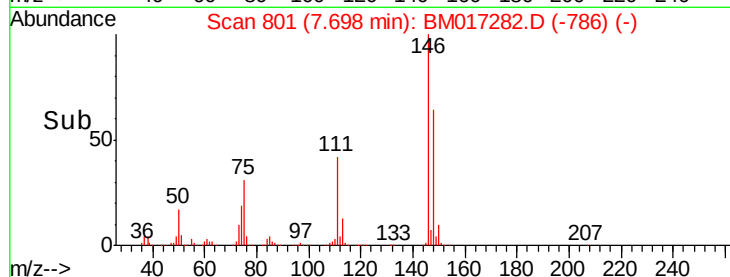
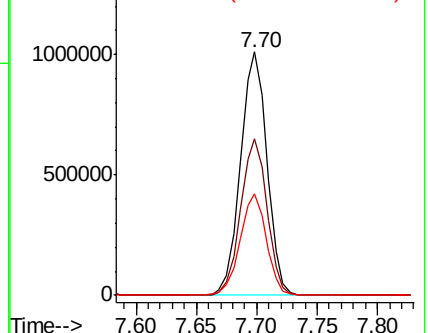
111 41.6 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.684 ng

RT: 8.01 min Scan# 854

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

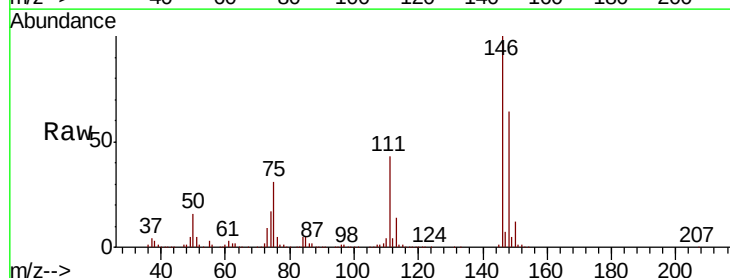
Tgt Ion:146 Resp: 1492280

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

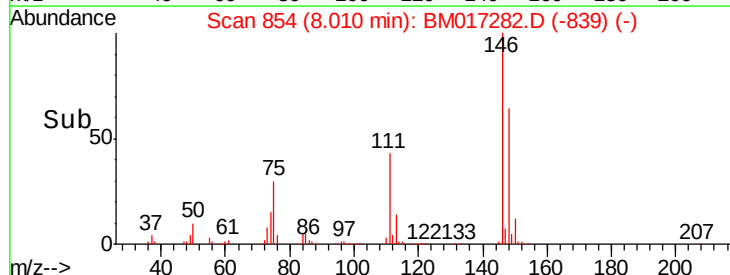
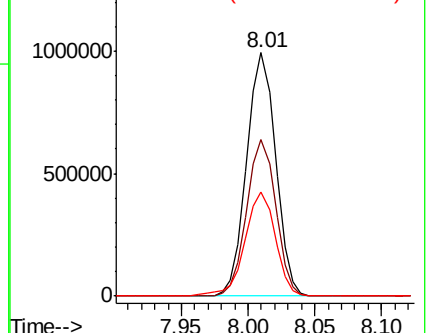
111 42.6 33.8 50.6

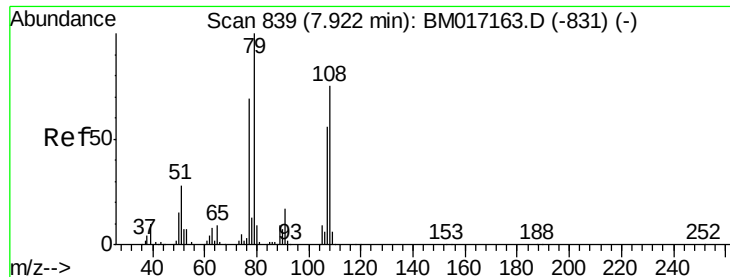


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.612 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

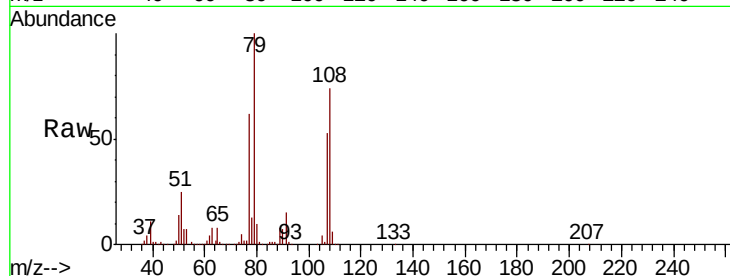
Tot Ion: 79 Resp: 1286236

Ion Ratio Lower Upper

79 100

108 73.6 60.3 90.5

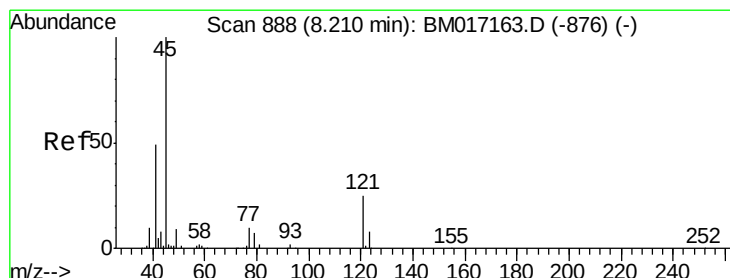
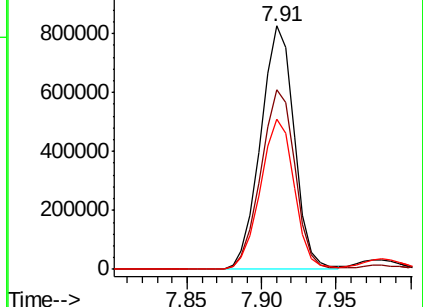
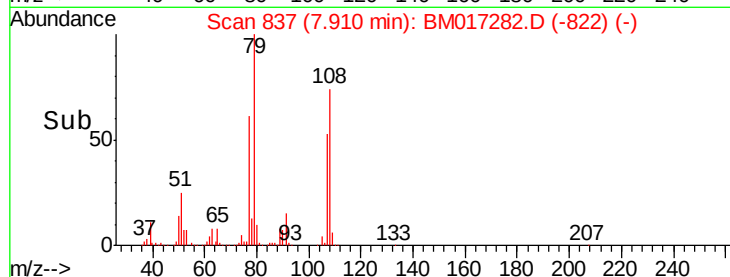
77 61.6 54.8 82.2



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

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

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.592 ng

RT: 8.19 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

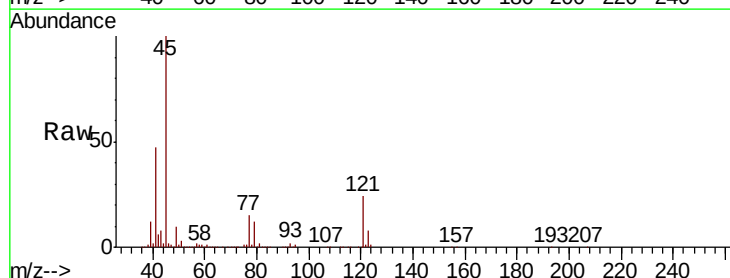
Tgt Ion: 45 Resp: 1784573

Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.5

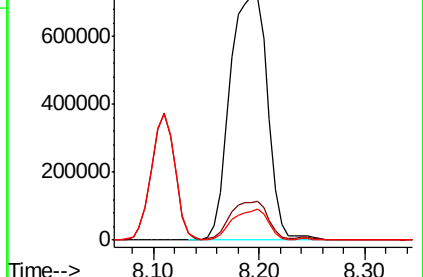
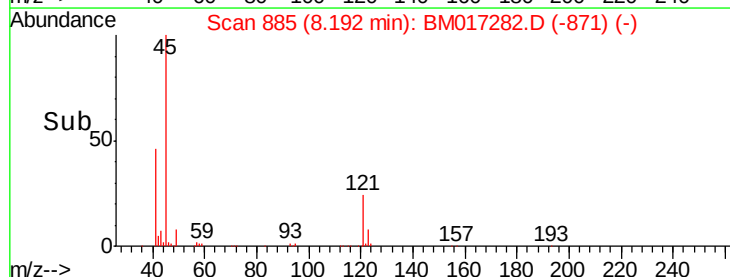
79 11.8 0.0 32.1

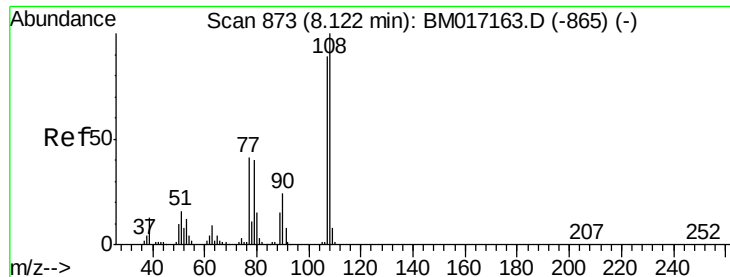


Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

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

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





#17

2-Methylphenol

Concen: 46.226 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 1231954

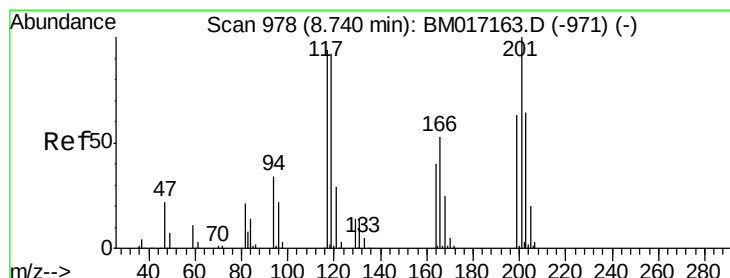
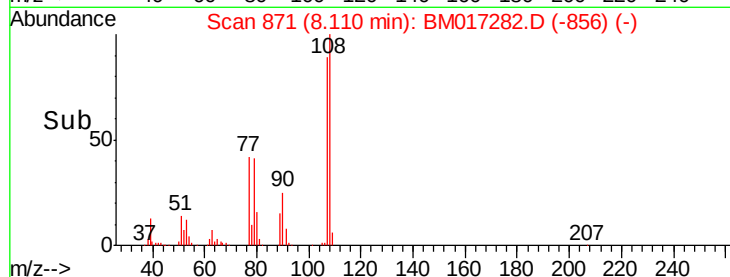
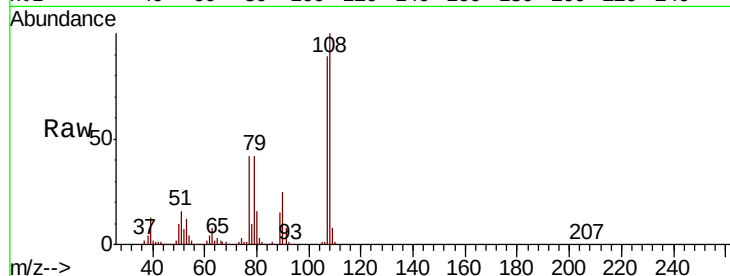
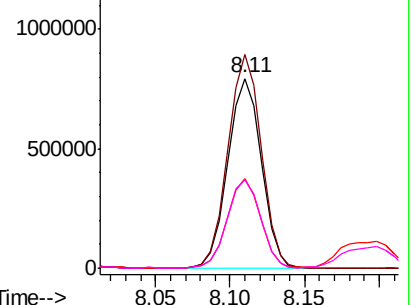
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.3	135.5
77	47.2	37.0	55.4
79	46.8	35.8	53.6

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): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 41.284 ng

RT: 8.73 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

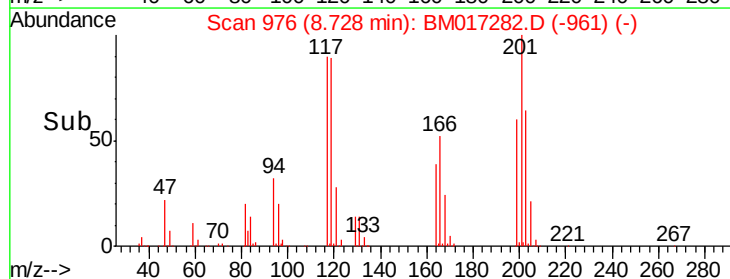
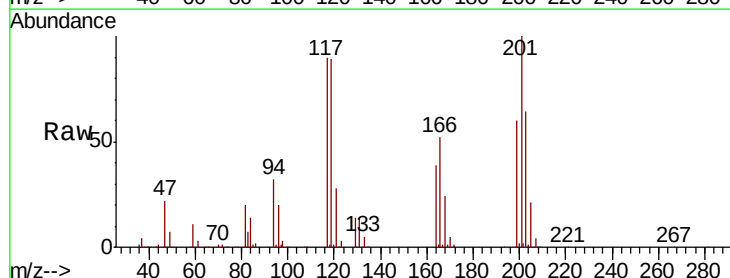
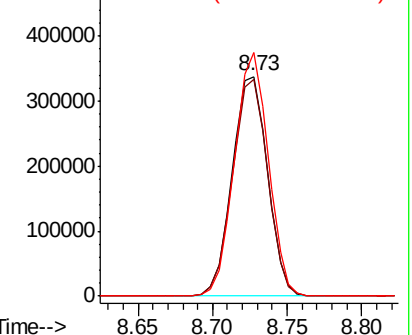
Tgt Ion:117 Resp: 551421

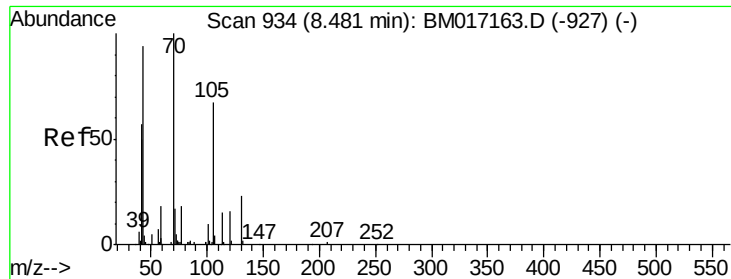
Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.2	117.2
201	111.0	85.3	127.9

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

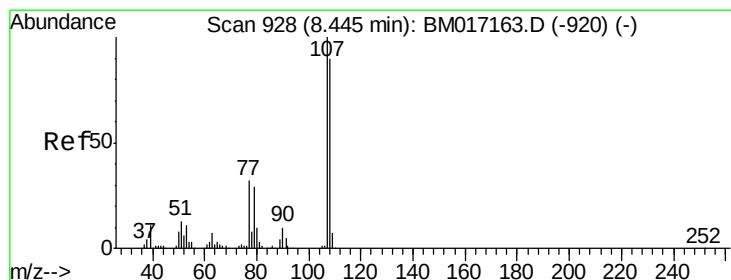
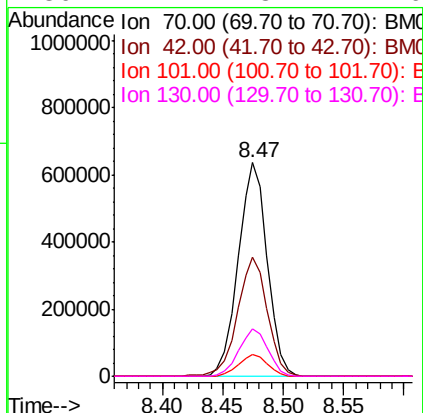
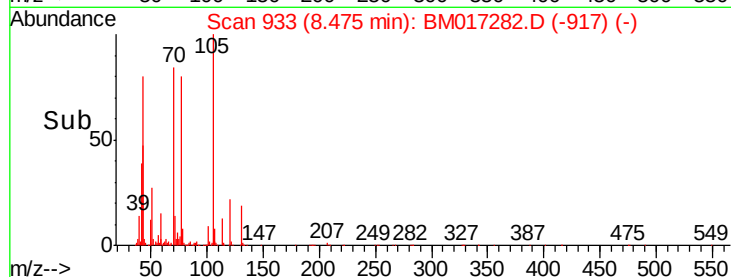
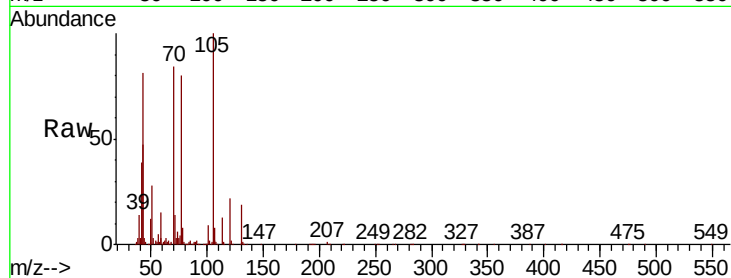




#19
n-Nitroso-di-n-propylamine
Concen: 41.740 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

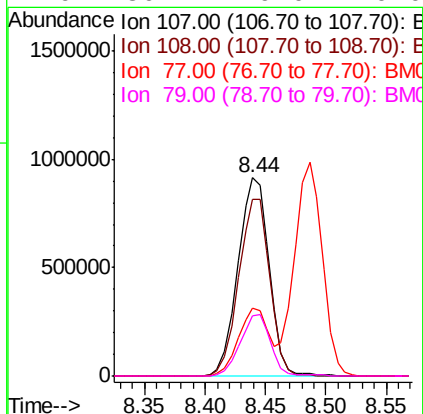
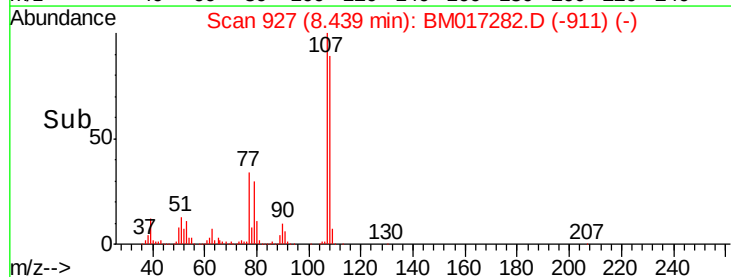
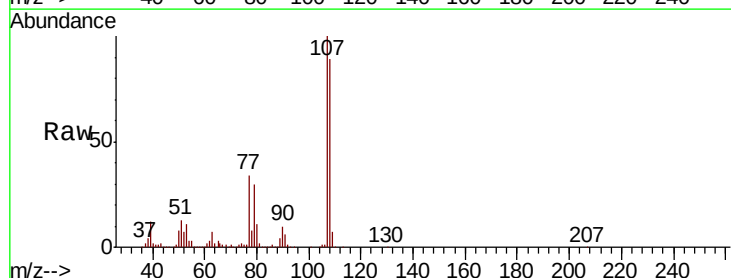
Instrument :
BNA_M
ClientSampleId :

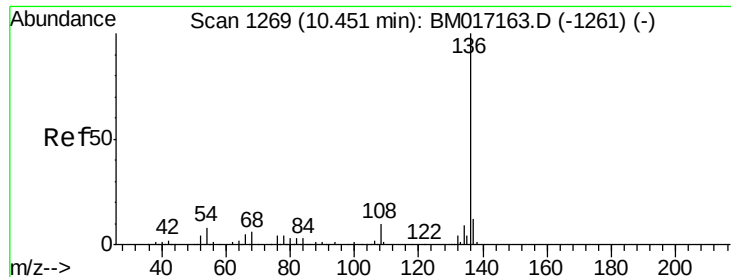
Tot Ion: 70 Resp: 1060331
Ion Ratio Lower Upper
70 100
42 55.5 46.1 69.1
101 10.1 8.2 12.4
130 22.1 18.4 27.6



#20
3+4-Methylphenols
Concen: 45.291 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion: 107 Resp: 1650874
Ion Ratio Lower Upper
107 100
108 88.9 69.9 109.9
77 34.1 12.2 52.2
79 30.1 9.0 49.0

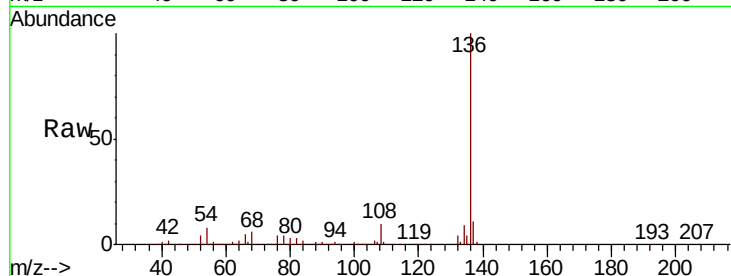




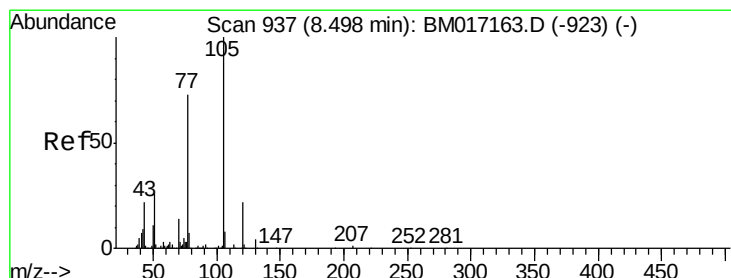
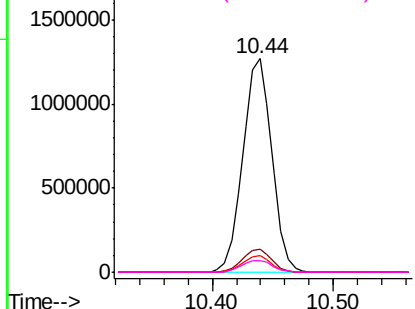
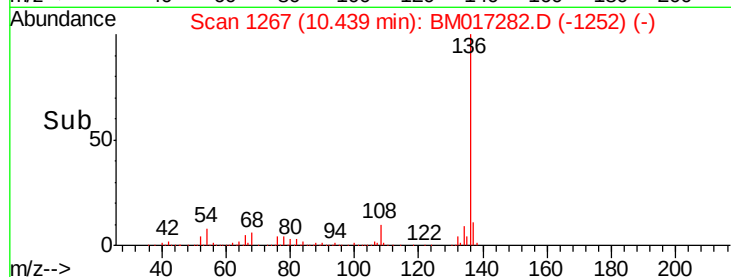
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 2123179
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 7.7 6.7 10.1
68 5.6 4.7 7.1

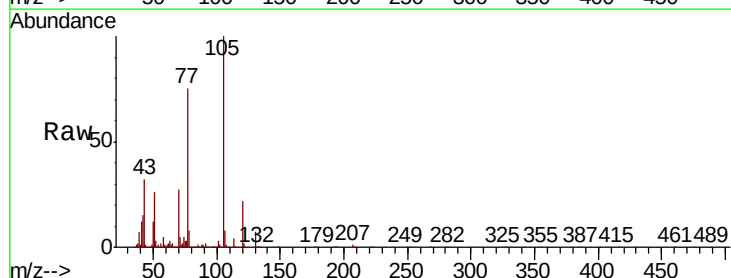


Abundance Ion 136.00 (135.70 to 136.70): E
2000000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

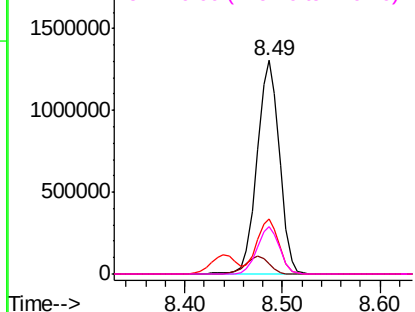
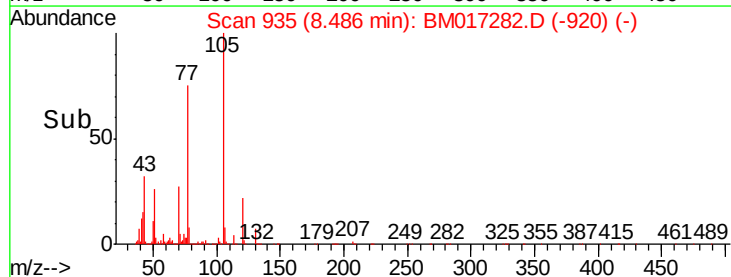


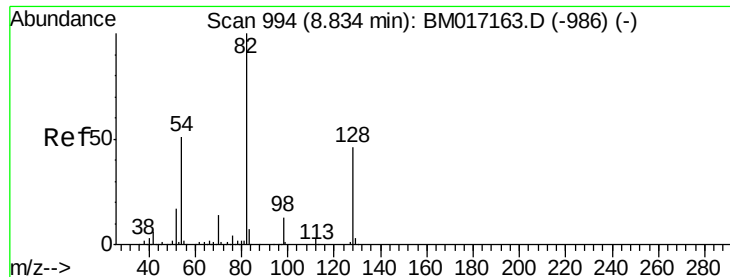
#22
Acetophenone
Concen: 39.335 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:105 Resp: 2117019
Ion Ratio Lower Upper
105 100
71 4.6 2.0 3.0#
51 25.6 20.6 31.0
120 22.0 17.5 26.3



Abundance Ion 105.00 (104.70 to 105.70): E
2000000 Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.719 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampled :

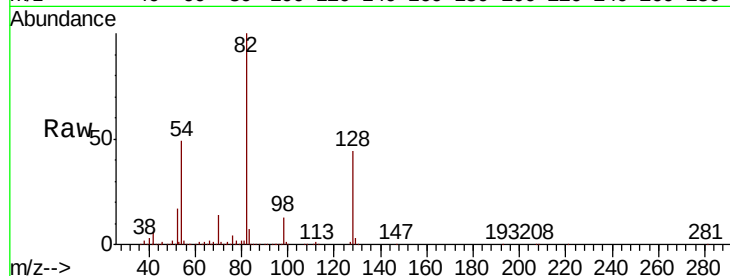
Tot Ion: 82 Resp: 2893996

Ion Ratio Lower Upper

82 100

128 44.5 37.0 55.6

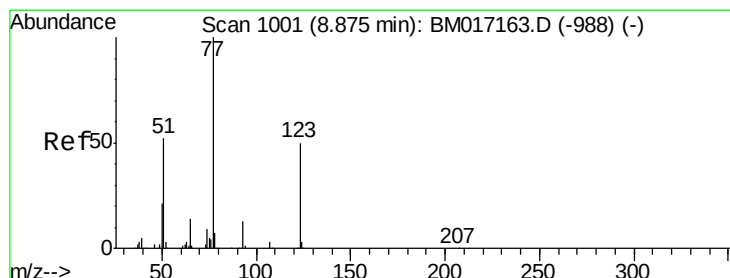
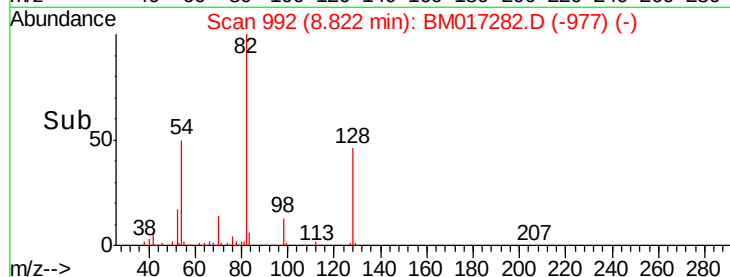
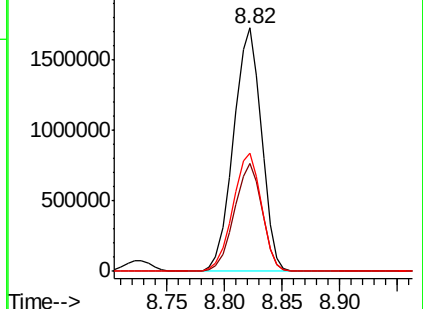
54 48.8 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-986) (-)

Ion 128.00 (127.70 to 128.70): BM017163.D (-986) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-986) (-)



#24

Nitrobenzene

Concen: 40.768 ng

RT: 8.86 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

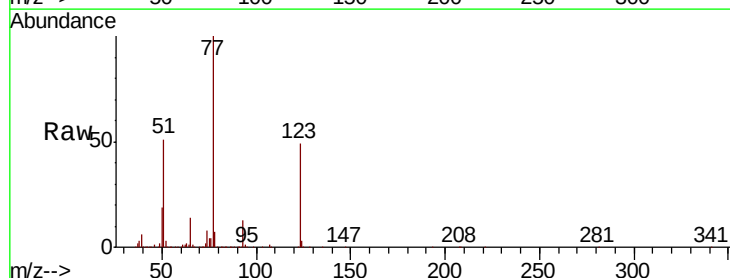
Tgt Ion: 77 Resp: 1565480

Ion Ratio Lower Upper

77 100

123 48.8 40.2 60.4

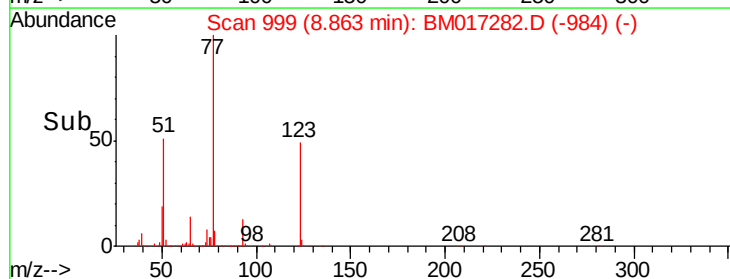
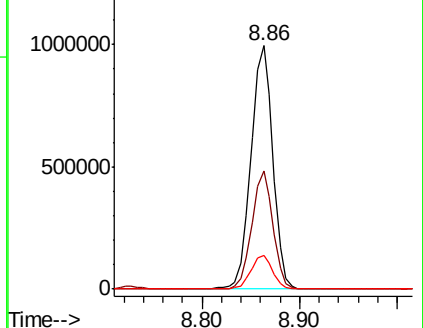
65 13.8 11.4 17.0

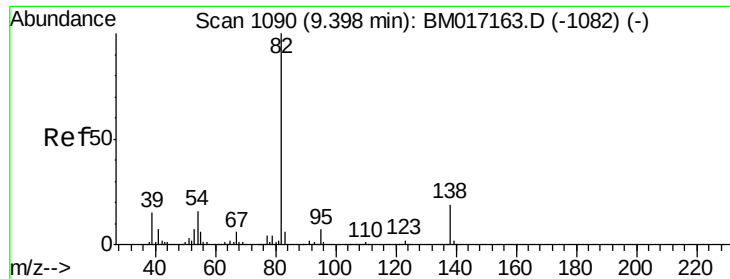


Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-988) (-)

Ion 123.00 (122.70 to 123.70): BM017163.D (-988) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-988) (-)

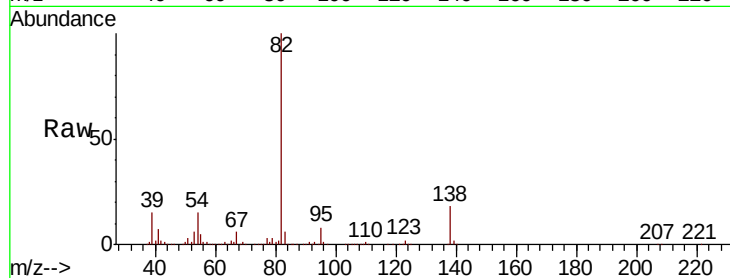




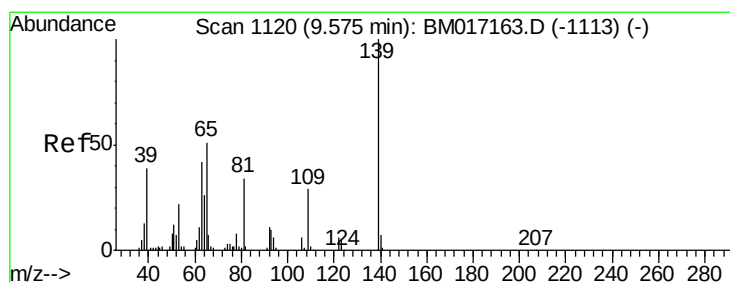
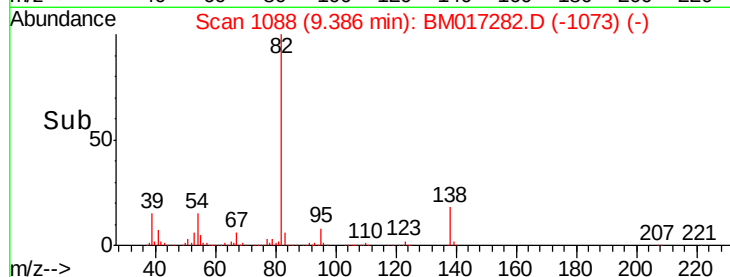
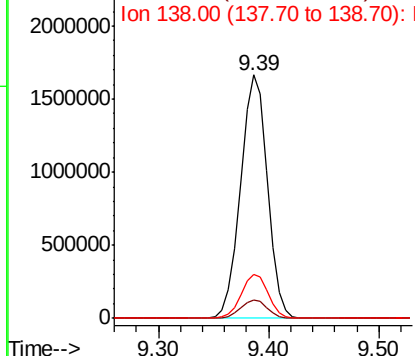
#25
Isophorone
Concen: 47.503 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 2847613
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 18.3 15.4 23.2

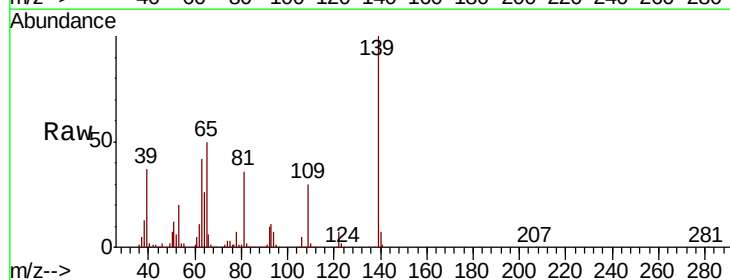


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)
Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)
Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)

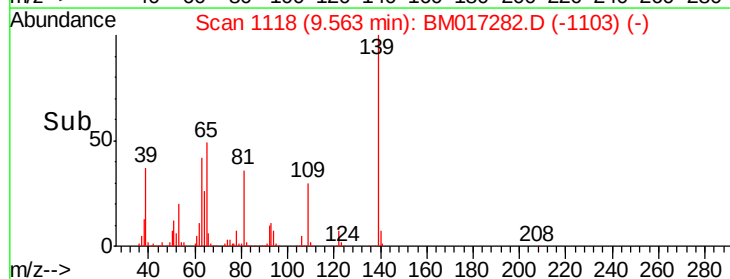
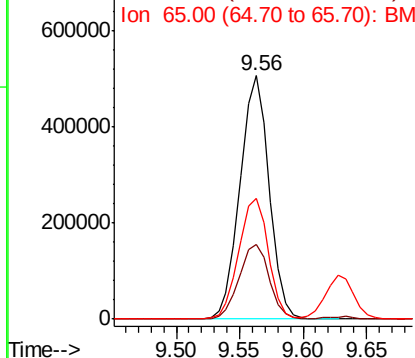


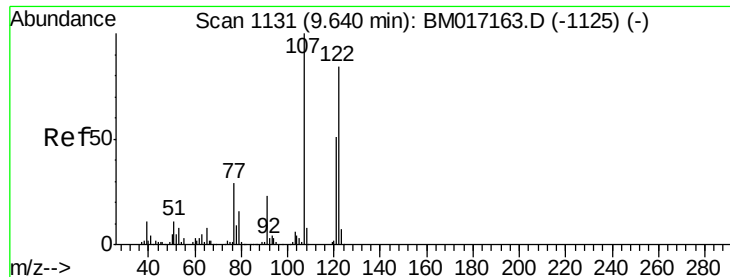
#26
2-Nitrophenol
Concen: 45.335 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion: 139 Resp: 808277
Ion Ratio Lower Upper
139 100
109 30.4 23.2 34.8
65 49.6 40.6 61.0



Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)
Ion 109.00 (108.70 to 109.70): BM017163.D (-1113) (-)
Ion 65.00 (64.70 to 65.70): BM017163.D (-1113) (-)





#27

2,4-Dimethylphenol

Concen: 51.972 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampled :

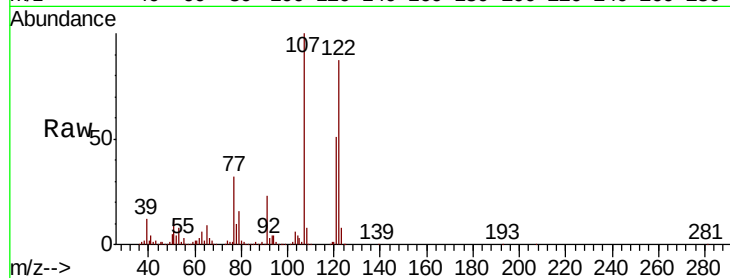
Tot Ion:122 Resp: 1377626

Ion Ratio Lower Upper

122 100

107 115.2 95.0 142.6

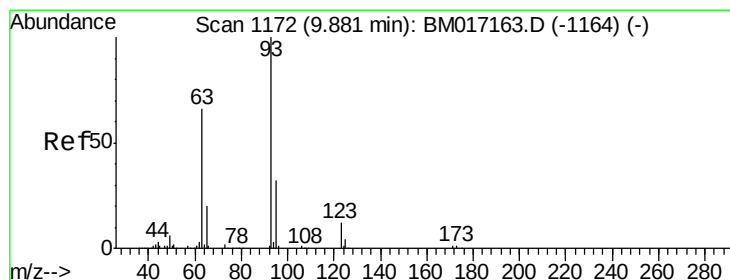
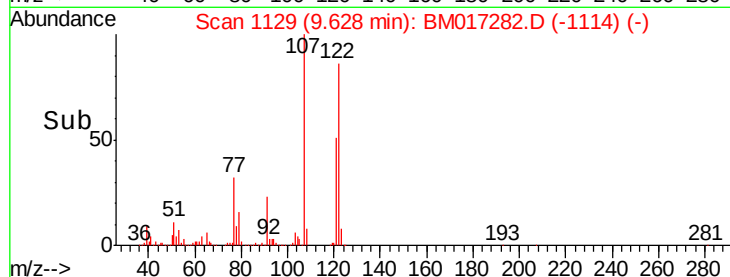
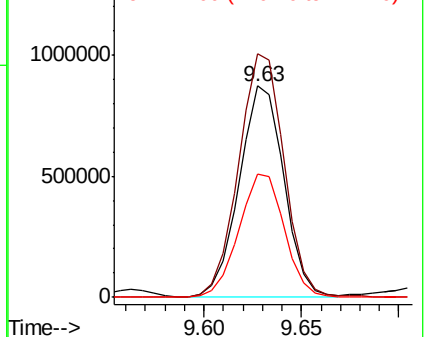
121 58.3 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.121 ng

RT: 9.87 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

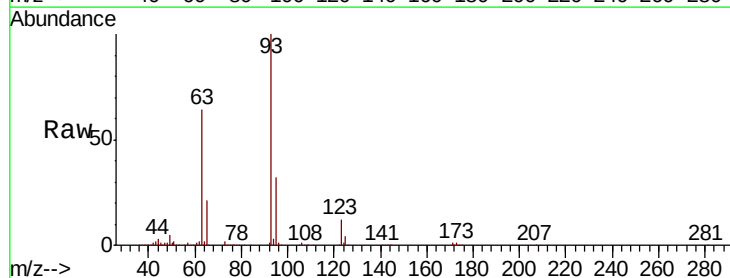
Tgt Ion: 93 Resp: 1819380

Ion Ratio Lower Upper

93 100

95 32.0 25.7 38.5

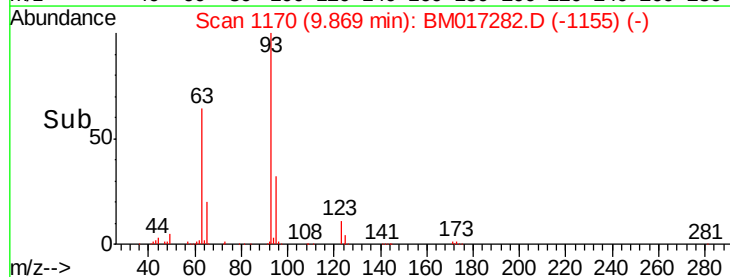
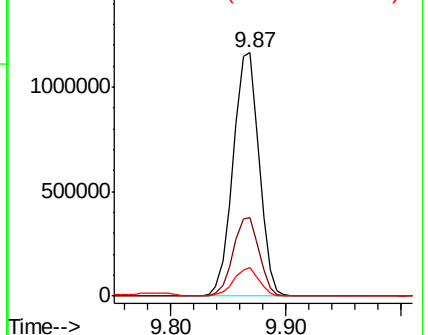
123 11.6 9.4 14.0

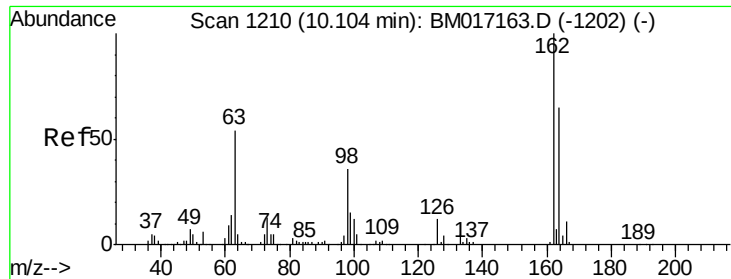


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

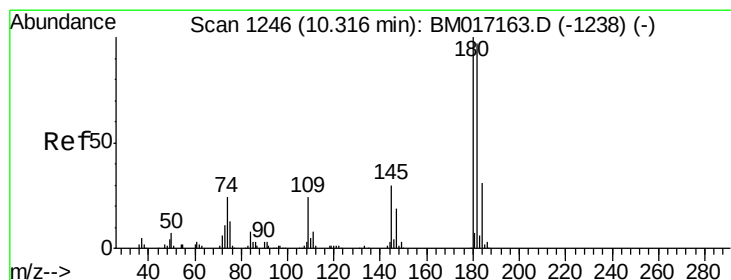
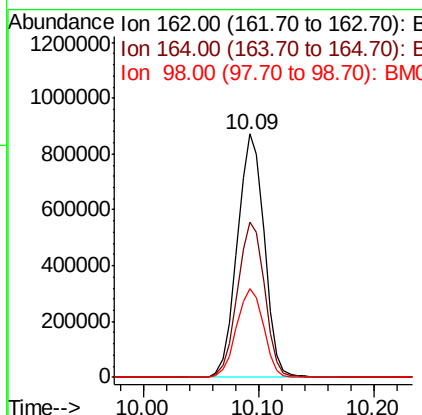
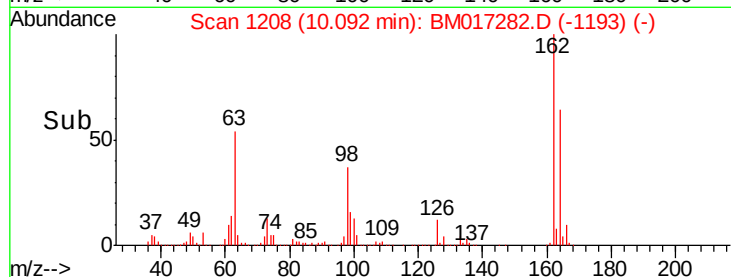
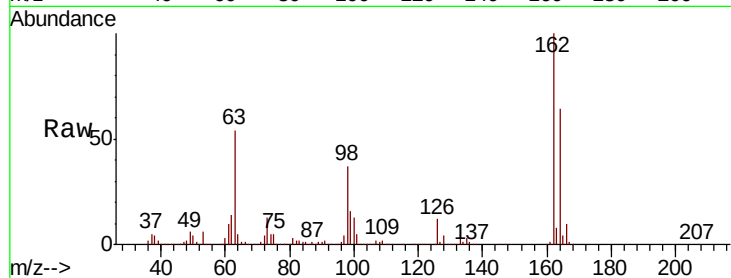




#29
 2,4-Dichlorophenol
 Concen: 45.784 ng
 RT: 10.09 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

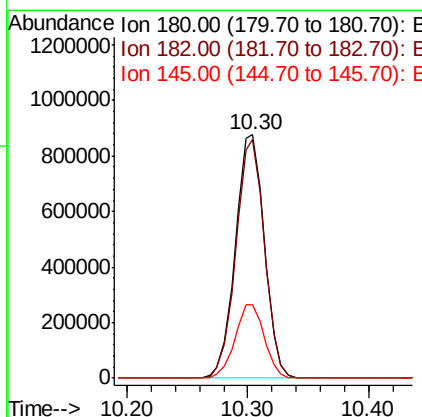
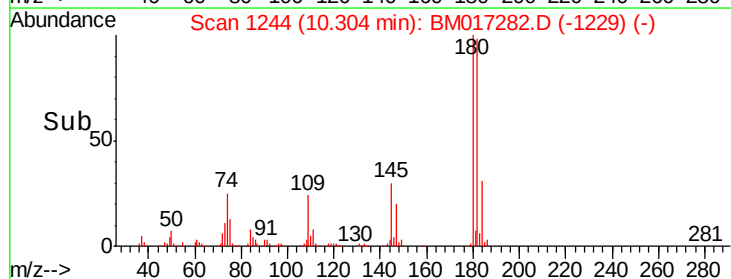
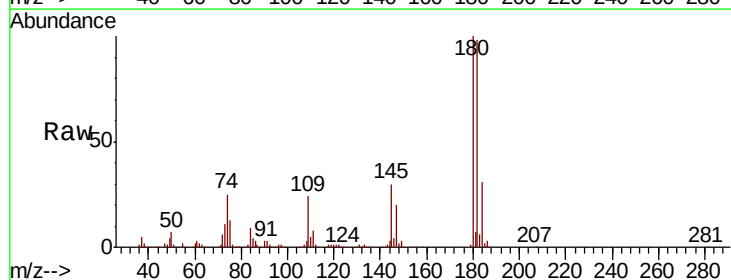
Instrument :
 BNA_M
 ClientSampled :

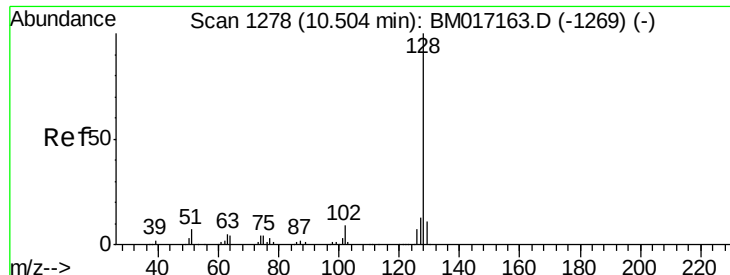
Tot Ion:162 Resp: 1409054
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.9 84.9
 98 36.6 15.8 55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.713 ng
 RT: 10.30 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion:180 Resp: 1466210
 Ion Ratio Lower Upper
 180 100
 182 98.1 77.5 116.3
 145 30.2 24.0 36.0

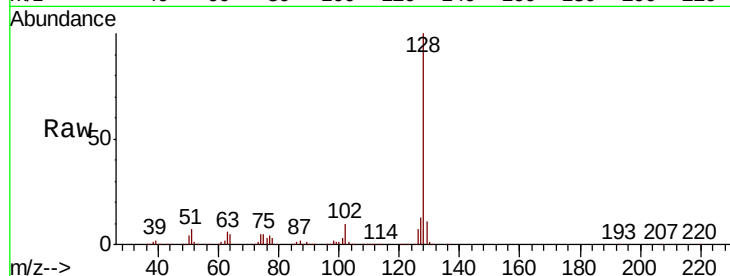




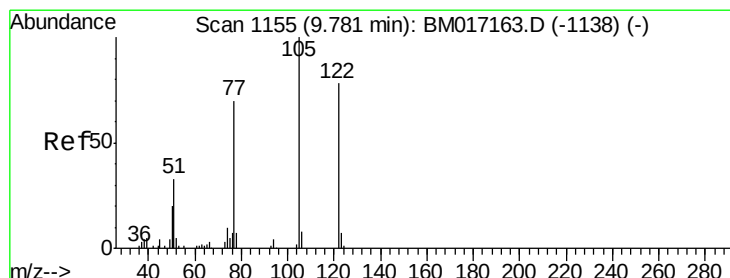
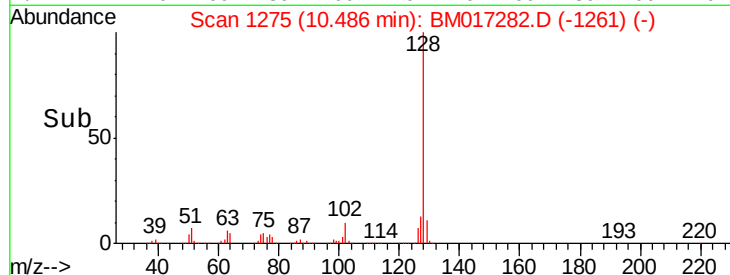
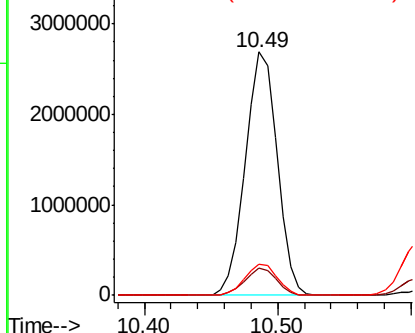
#31
Naphthalene
Concen: 42.471 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 4419079
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.0 10.3 15.5

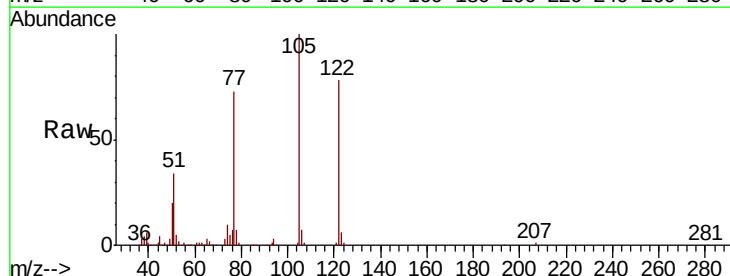


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

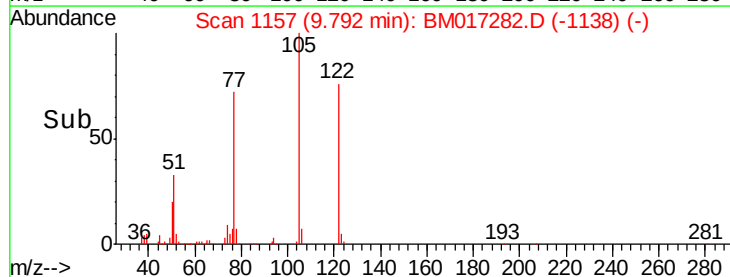
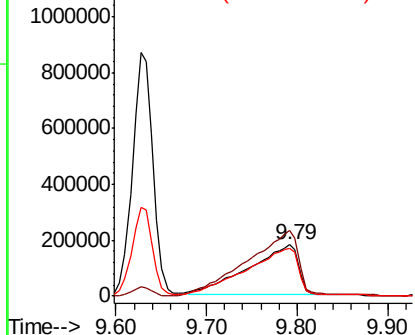


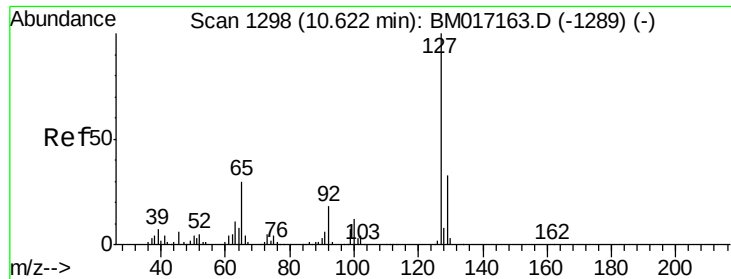
#32
Benzoic acid
Concen: 34.556 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:122 Resp: 683440
Ion Ratio Lower Upper
122 100
105 128.3 102.0 142.0
77 94.1 67.7 107.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

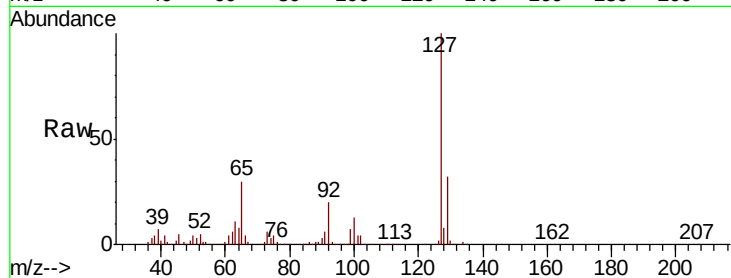




#33
4-Chloroaniline
Concen: 22.521 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	1012051
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	30.4	23.7	35.5
92	20.0	14.3	21.5



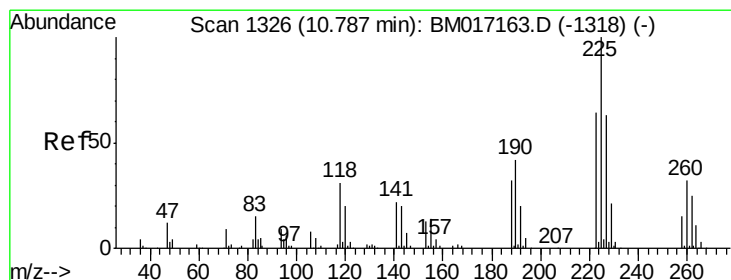
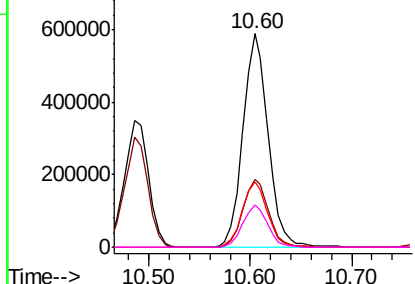
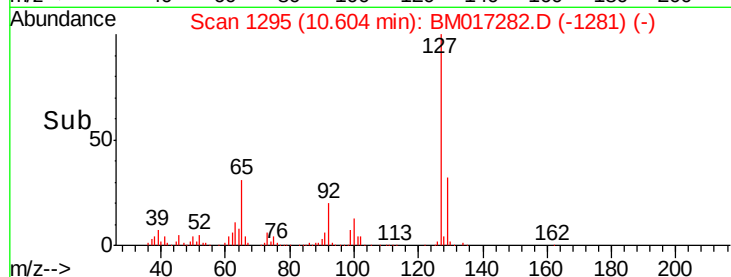
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

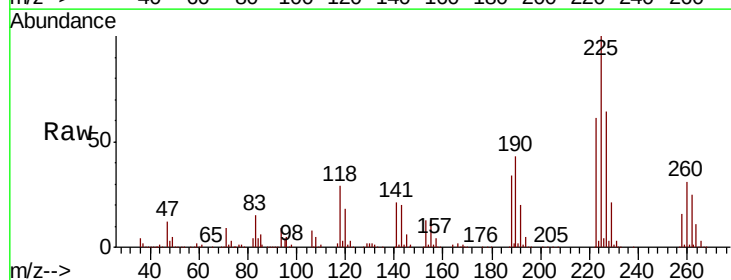
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 39.039 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:	225	Resp:	913238
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.0	76.6
227	64.0	50.8	76.2

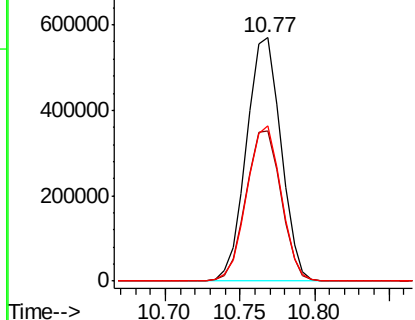
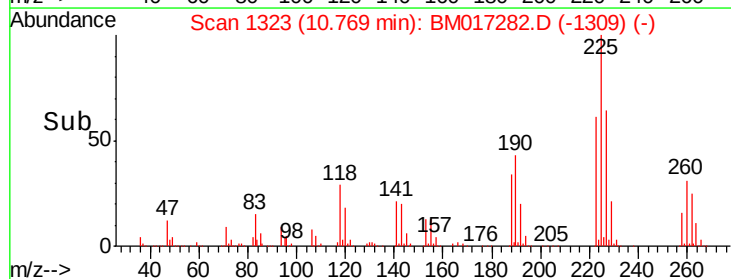


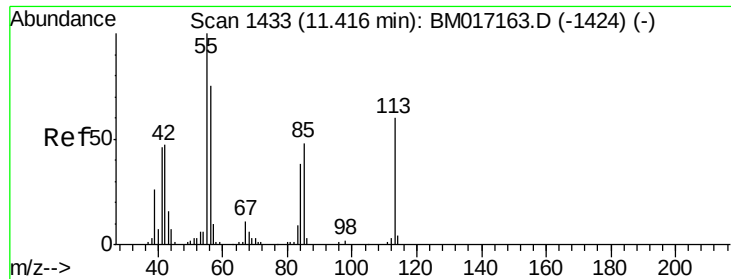
Abundance

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

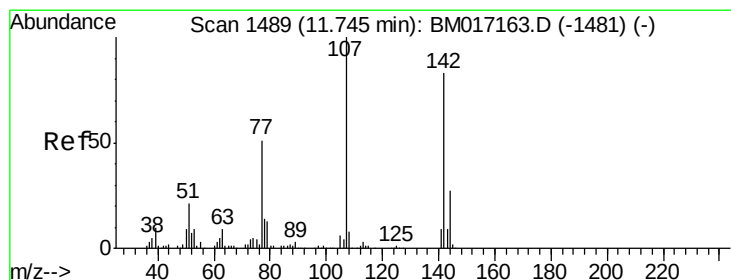
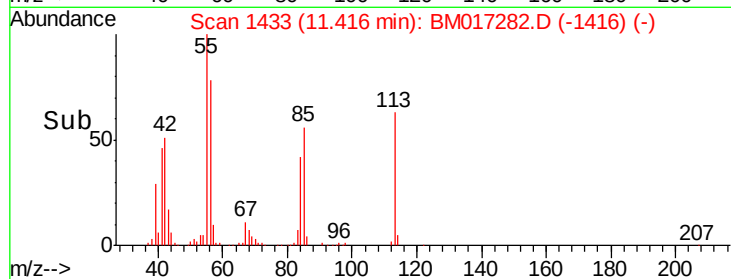
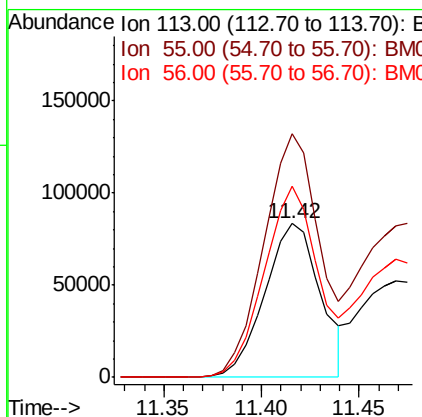
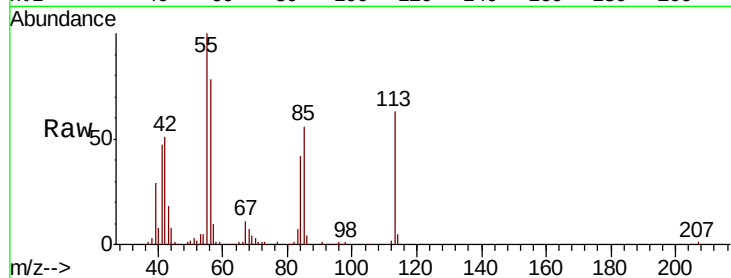




#35
 Caprolactam
 Concen: 14.694 ng
 RT: 11.42 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

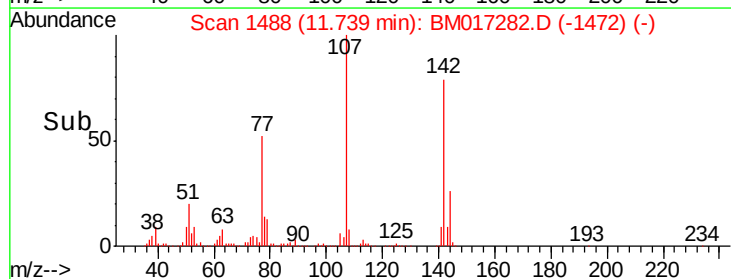
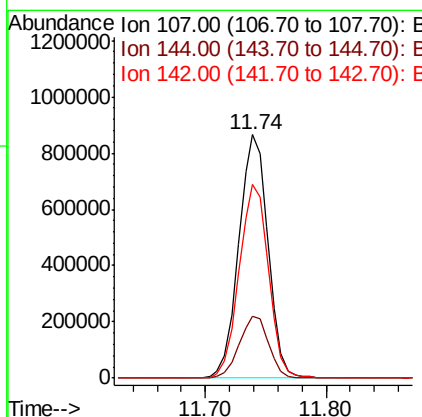
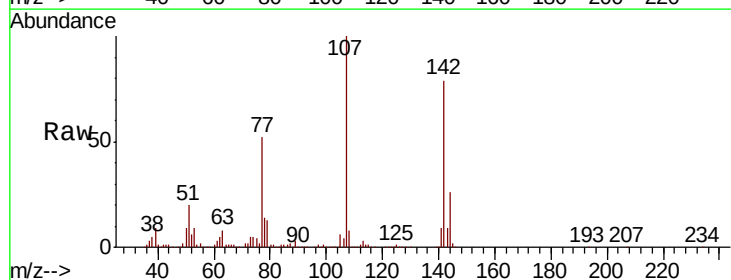
Instrument :
 BNA_M
 ClientSampled :

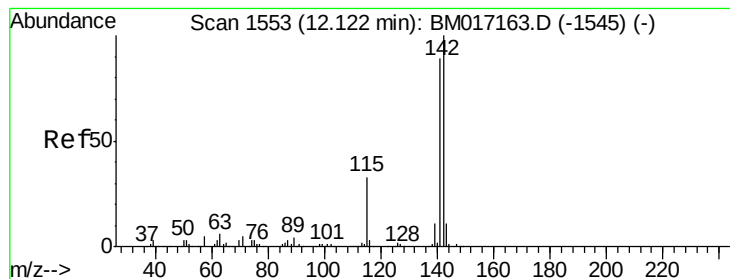
Tot Ion:113 Resp: 164807
 Ion Ratio Lower Upper
 113 100
 55 158.7 147.0 187.0
 56 124.4 104.5 144.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.102 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion:107 Resp: 1460586
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.6 32.4
 142 79.5 66.0 99.0





#37

2-Methylnaphthalene

Concen: 45.995 ng

RT: 12.10 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampled :

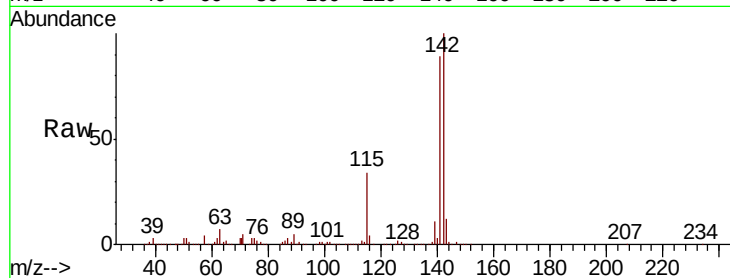
Tot Ion:142 Resp: 3274846

Ion Ratio Lower Upper

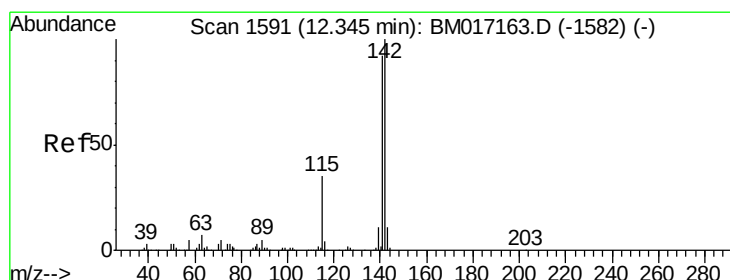
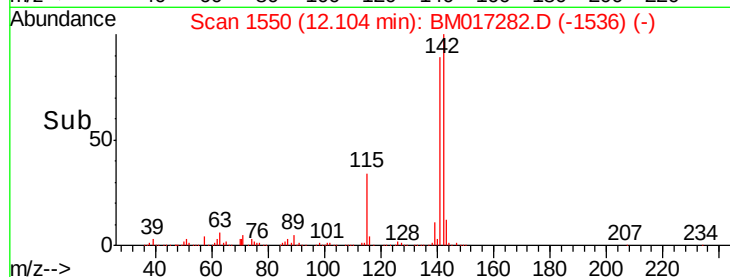
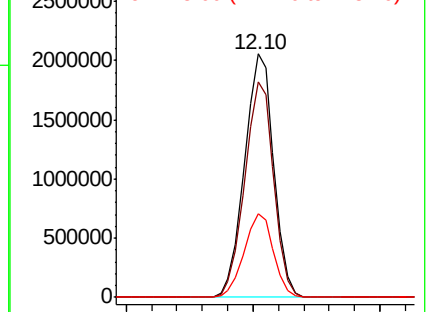
142 100

141 88.6 70.9 106.3

115 34.3 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: 44.253 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

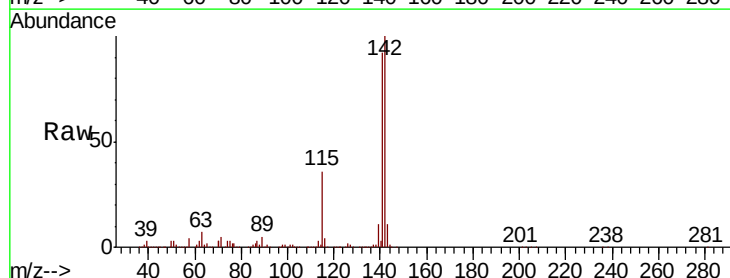
Tgt Ion:142 Resp: 3066666

Ion Ratio Lower Upper

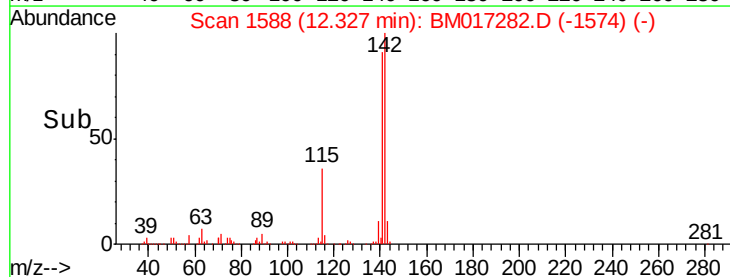
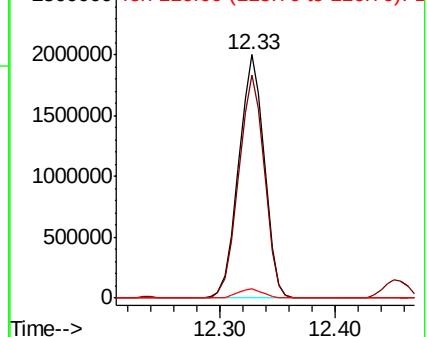
142 100

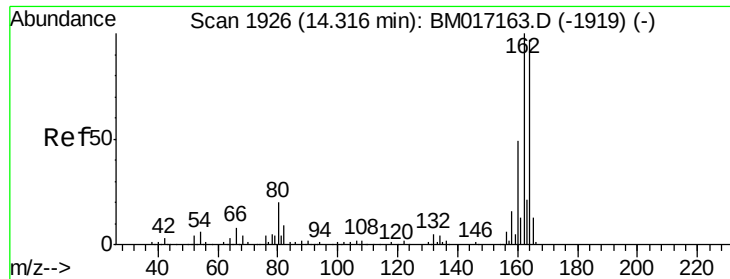
141 91.5 73.8 110.6

116 3.8 2.9 4.3



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

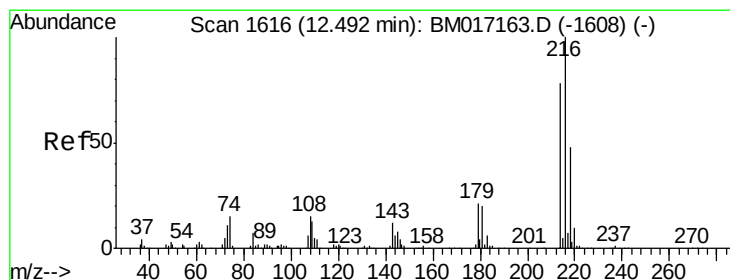
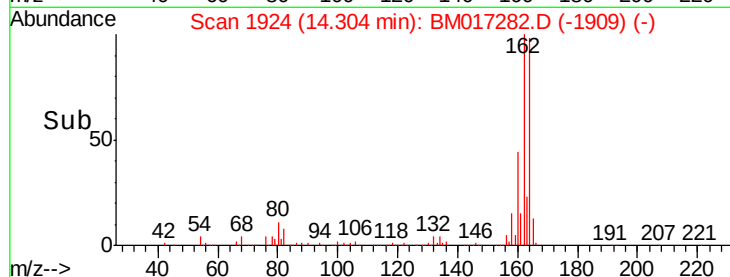
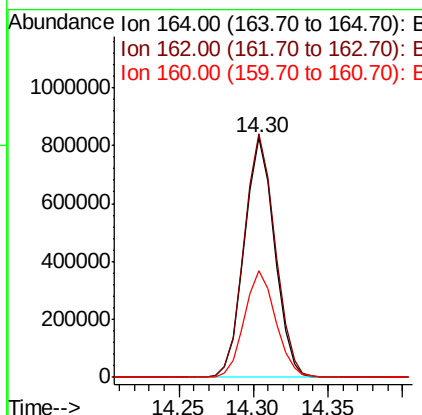
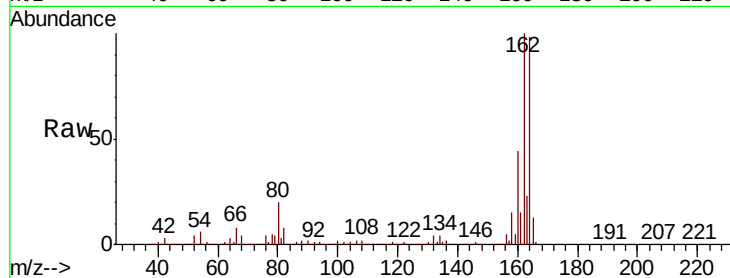




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

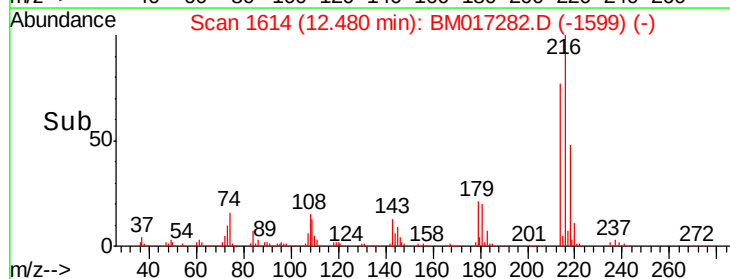
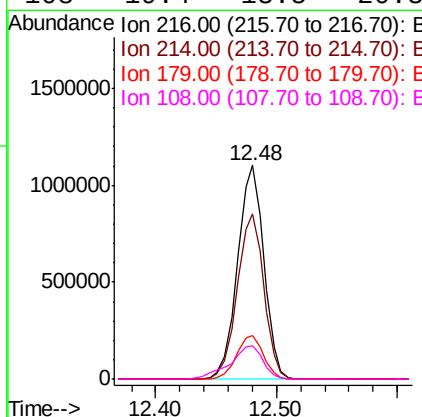
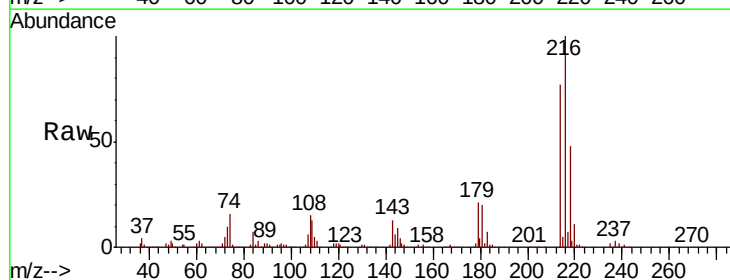
Instrument :
BNA_M
ClientSampleId :

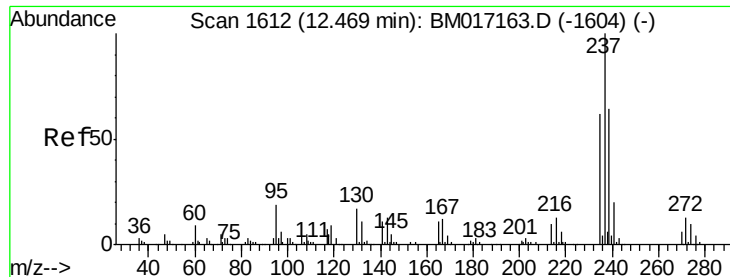
Tot Ion:164 Resp: 1159454
Ion Ratio Lower Upper
164 100
162 101.7 82.1 123.1
160 44.6 40.2 60.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.862 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:216 Resp: 1668487
Ion Ratio Lower Upper
216 100
214 78.2 62.6 93.8
179 20.9 16.6 24.8
108 19.4 13.5 20.3





#41

Hexachlorocyclopentadiene

Concen: 106.340 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

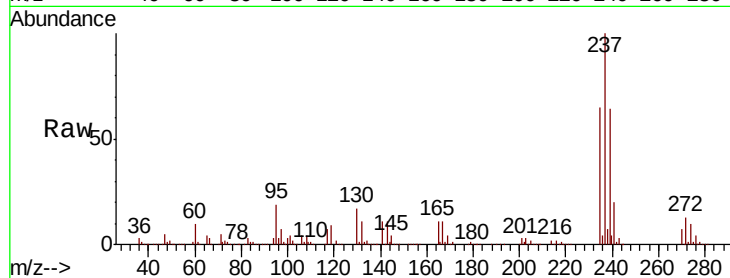
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 2099117

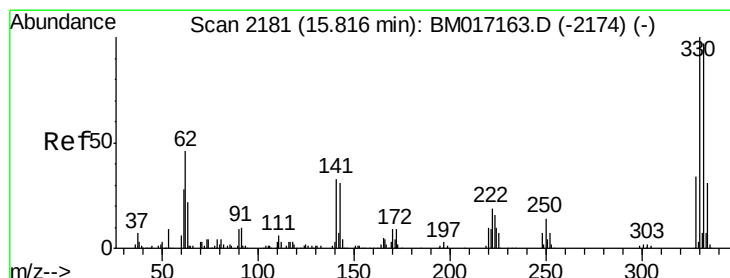
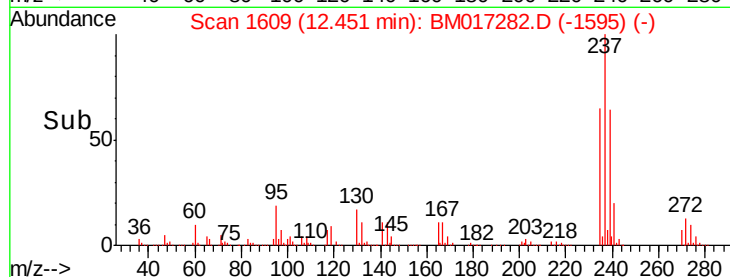
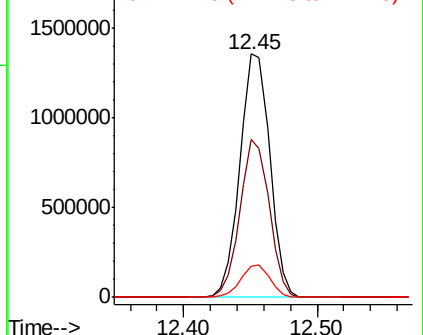
Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.4	82.4
272	12.6	0.0	33.0



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: 136.171 ng

RT: 15.80 min Scan# 2179

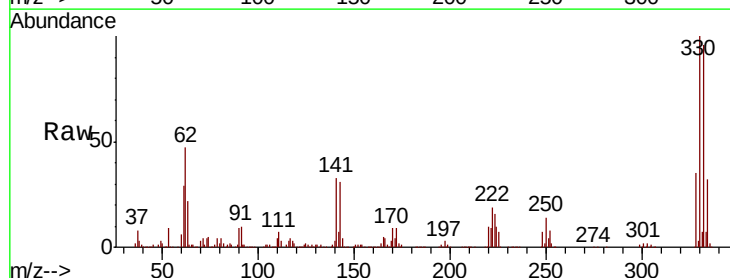
Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion:330 Resp: 2135146

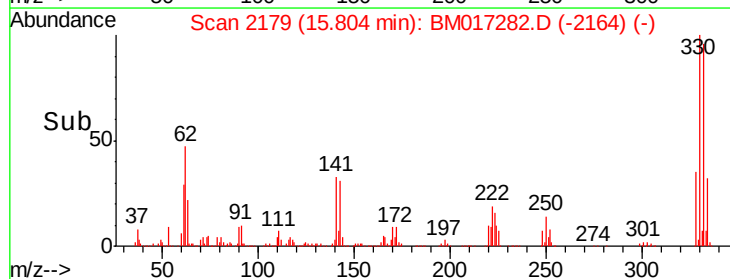
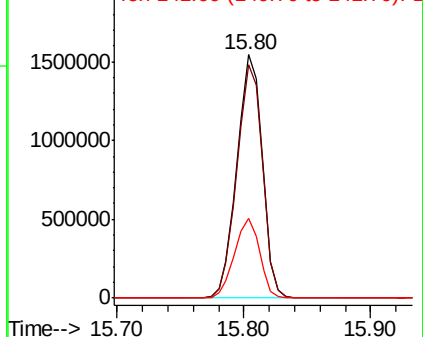
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.6	27.4	41.0

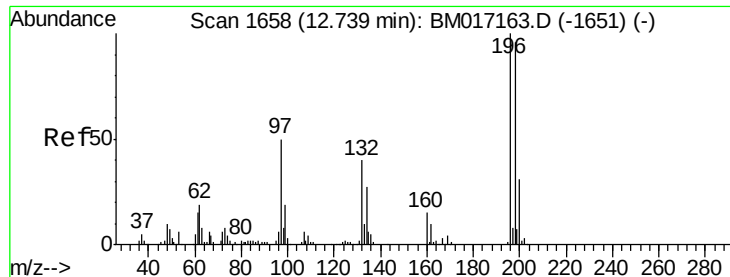


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

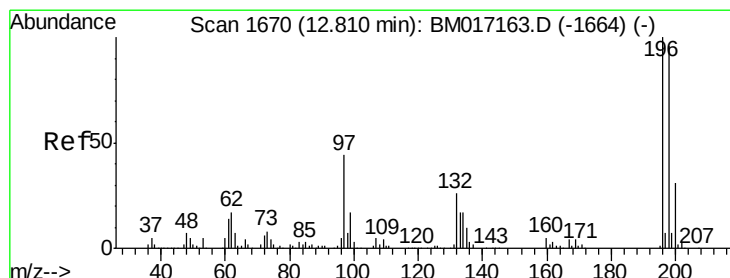
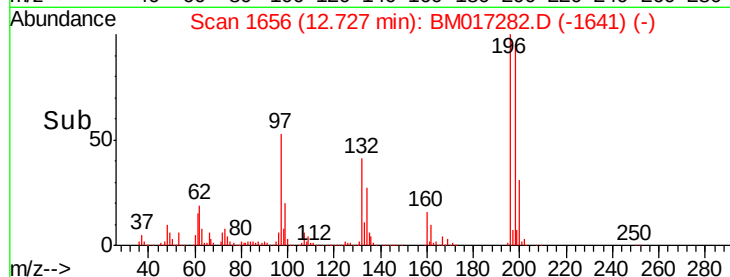
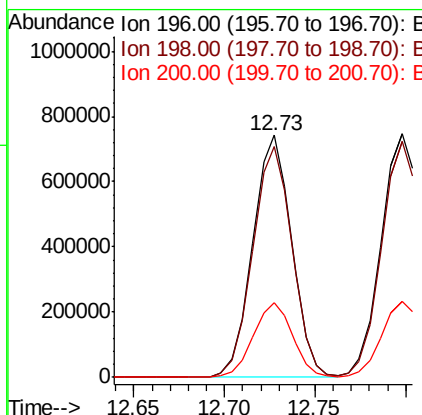
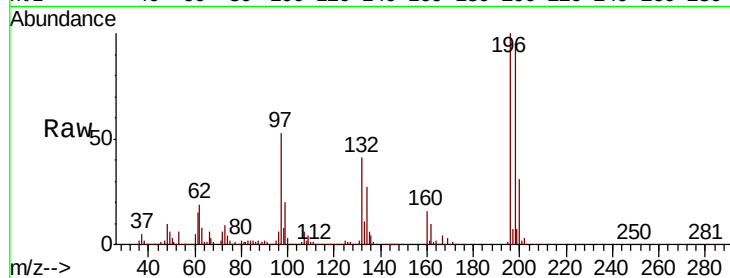




#43
 2,4,6-Trichlorophenol
 Concen: 46.725 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

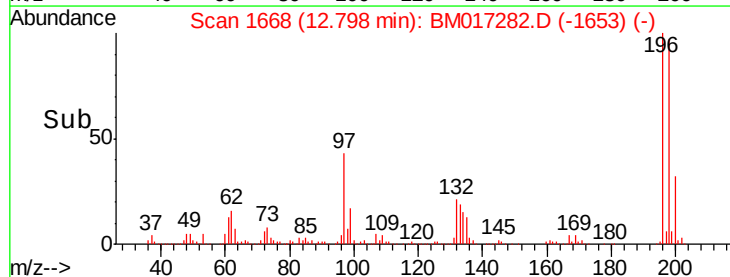
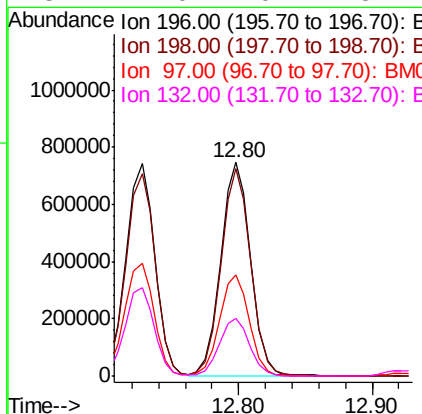
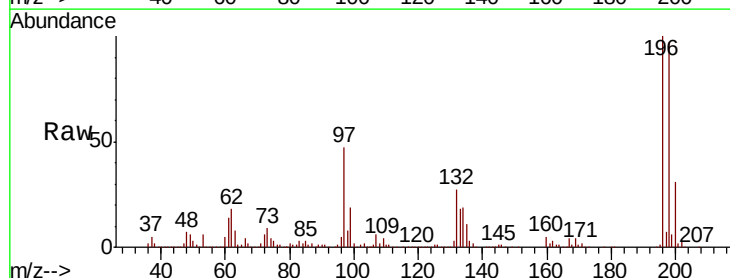
Instrument :
 BNA_M
 ClientSampled :

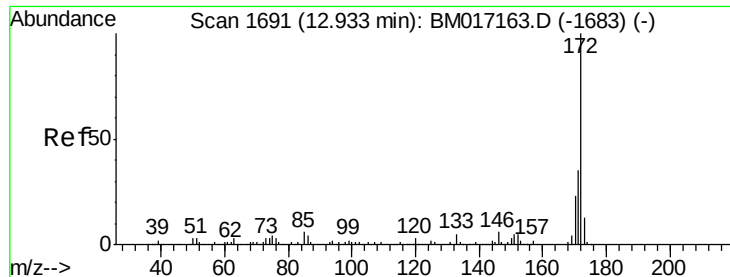
Tot Ion:196 Resp: 1107519
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.1 115.7
 200 30.9 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.725 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion:196 Resp: 1162228
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.6 115.0
 97 47.5 35.5 53.3
 132 27.0 20.7 31.1

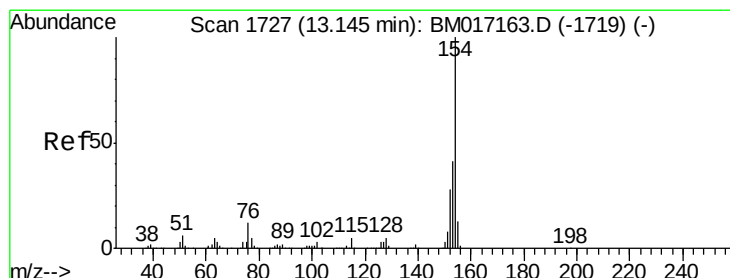
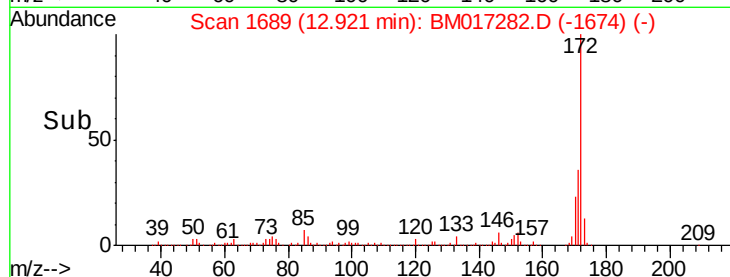
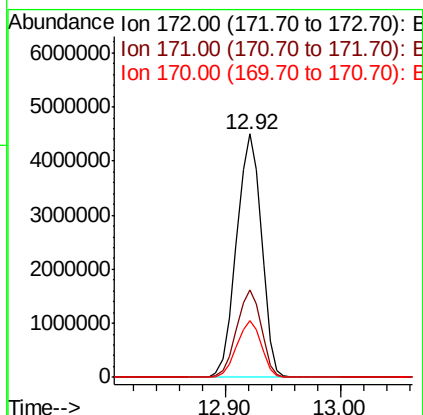
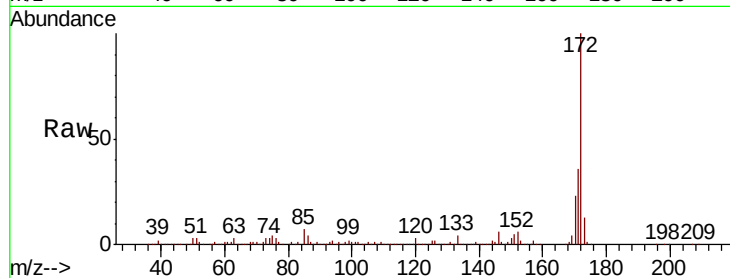




#45
2-Fluorobiphenyl
Concen: 77.244 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

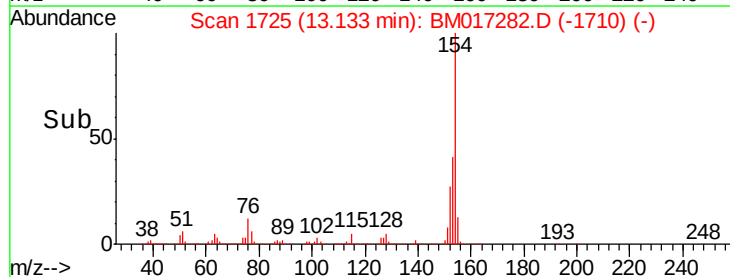
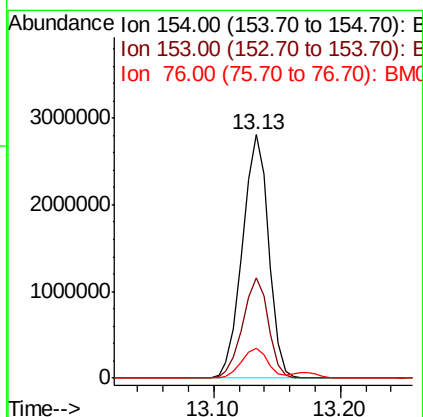
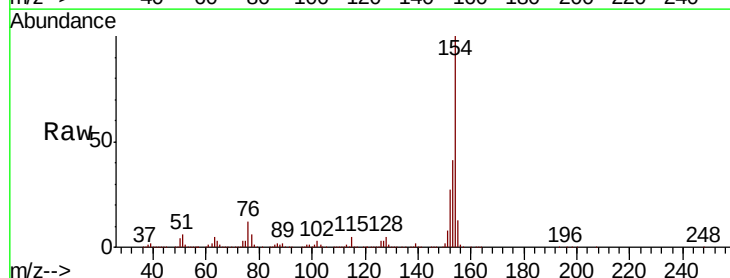
Instrument :
BNA_M
ClientSampleId :

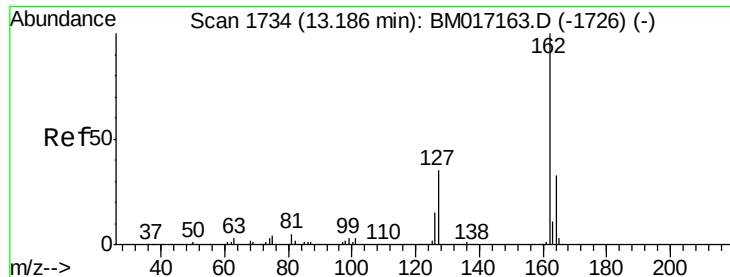
Tot Ion:172 Resp: 6731187
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 18.3 27.5



#46
1,1'-Biphenyl
Concen: 38.505 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:154 Resp: 4017541
Ion Ratio Lower Upper
154 100
153 41.0 20.5 60.5
76 12.5 0.0 31.8

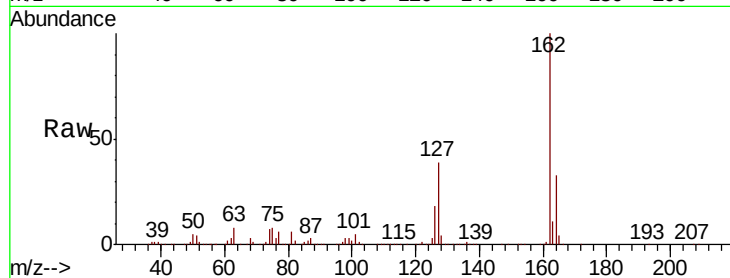




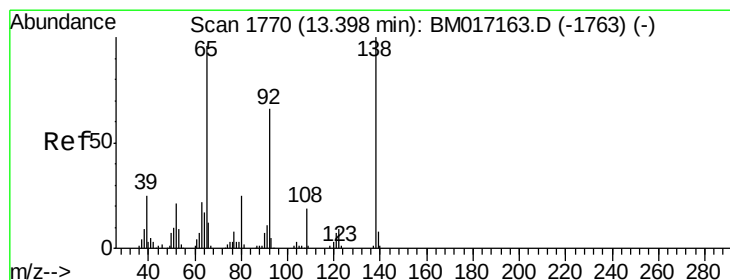
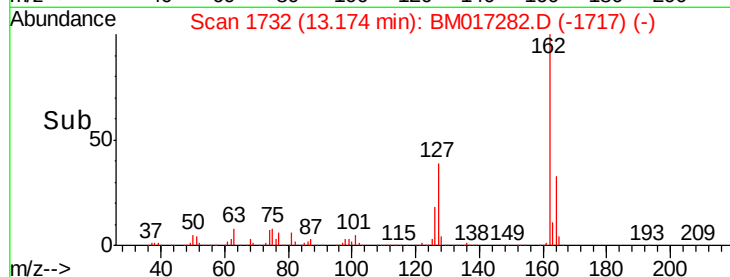
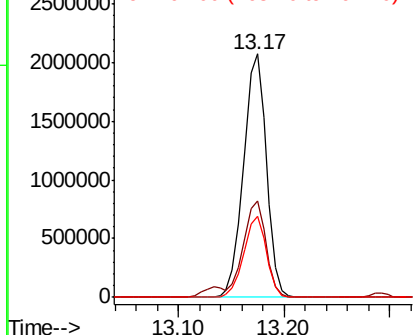
#47
2-Chloronaphthalene
Concen: 40.488 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 3107844
Ion Ratio Lower Upper
162 100
127 39.4 31.0 46.4
164 33.5 26.6 39.8

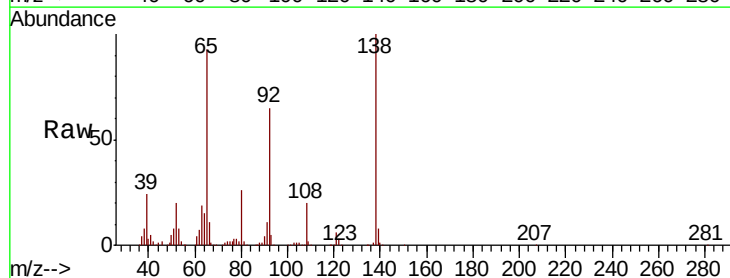


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

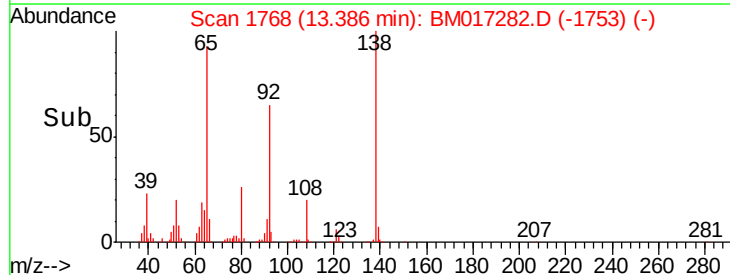
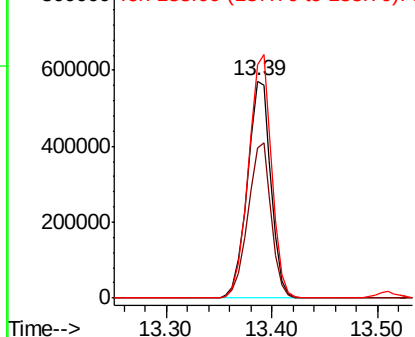


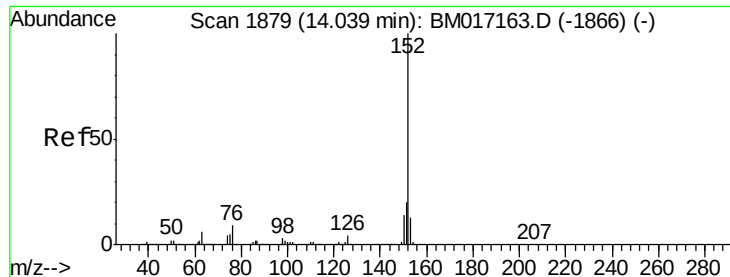
#48
2-Nitroaniline
Concen: 41.751 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion: 65 Resp: 887176
Ion Ratio Lower Upper
65 100
92 69.4 54.9 82.3
138 107.3 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: 44.634 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

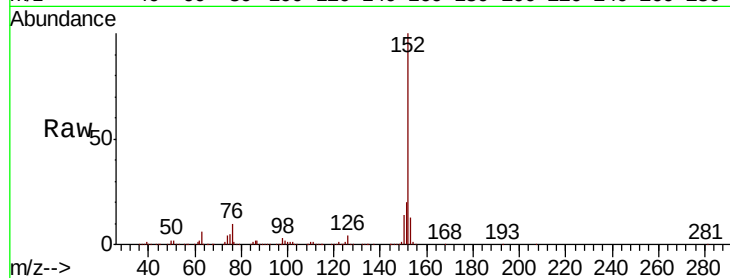
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 4966047

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.0	10.4	15.6

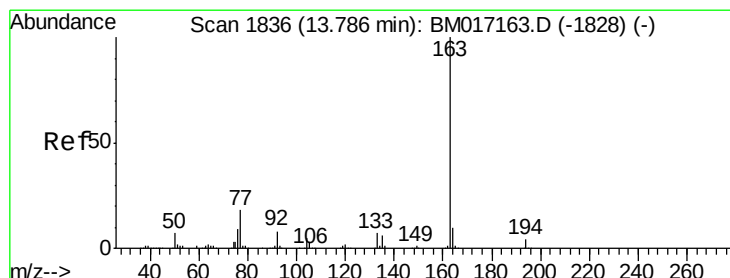
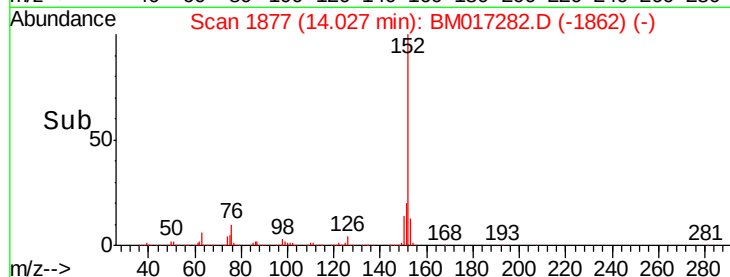
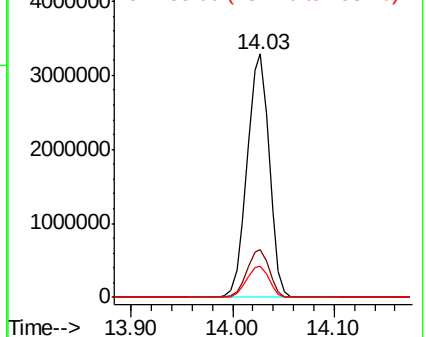


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.448 ng

RT: 13.78 min Scan# 1835

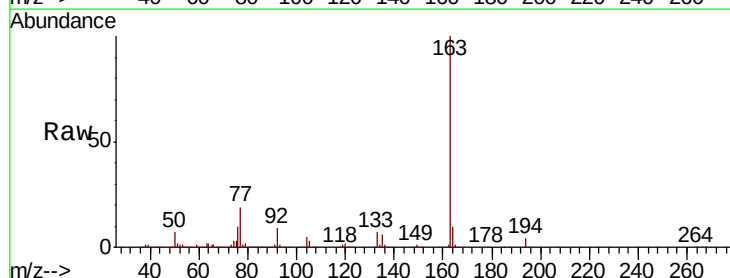
Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion:163 Resp: 3707666

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.8	7.8	11.8

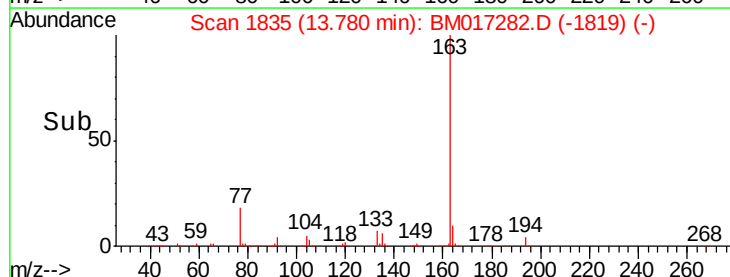
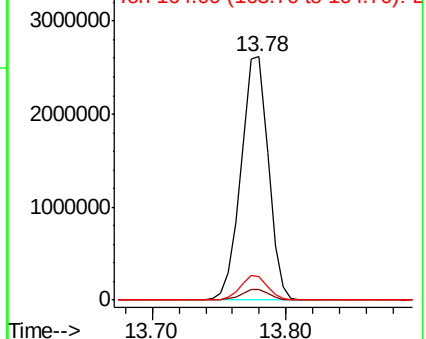


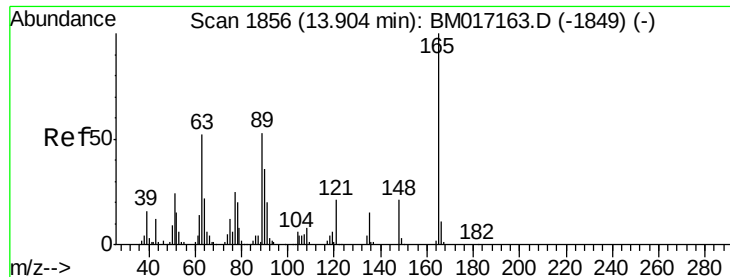
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

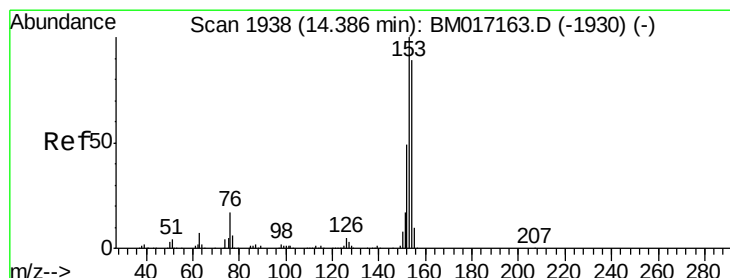
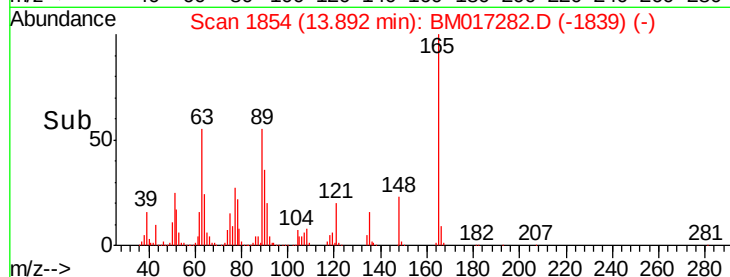
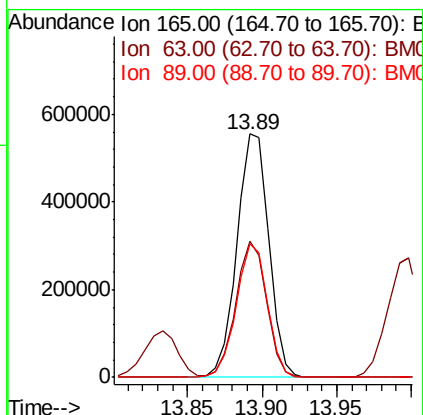
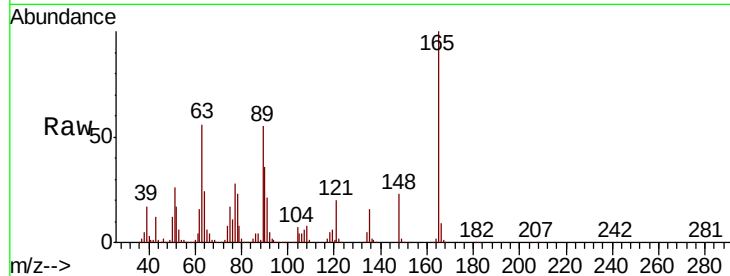




#51
2,6-Dinitrotoluene
Concen: 41.819 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

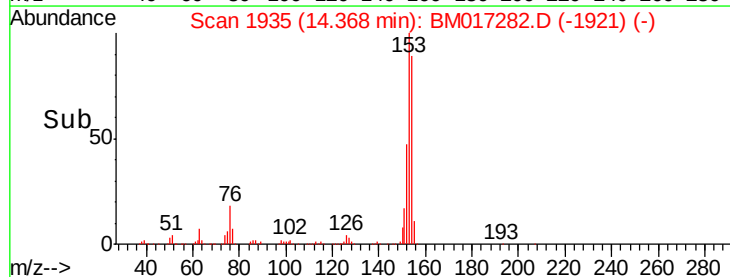
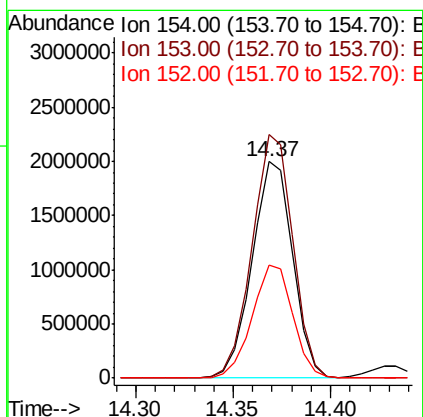
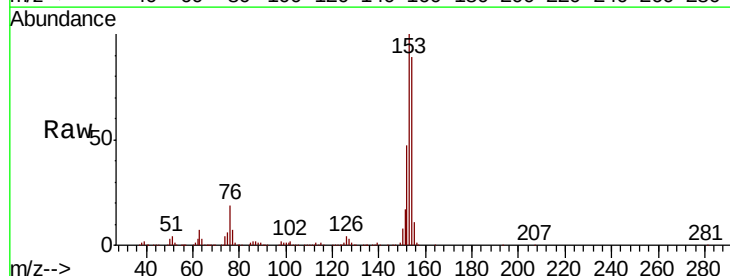
Instrument :
BNA_M
ClientSampleId :

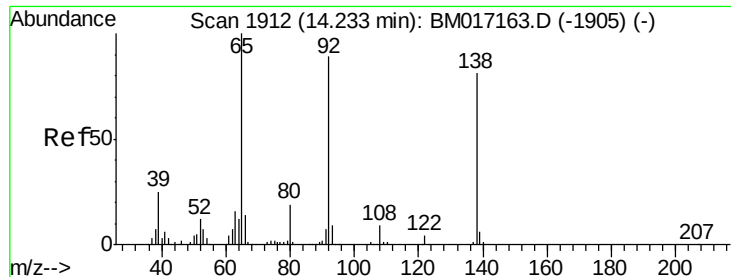
Tot Ion:165 Resp: 823342
Ion Ratio Lower Upper
165 100
63 55.7 42.7 64.1
89 54.7 42.1 63.1



#52
Acenaphthene
Concen: 41.282 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:154 Resp: 2883883
Ion Ratio Lower Upper
154 100
153 112.5 90.2 135.2
152 52.4 44.2 66.4

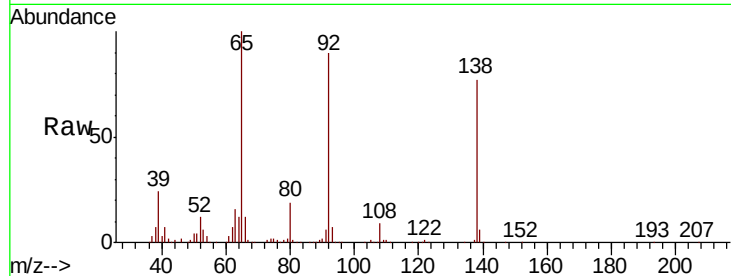




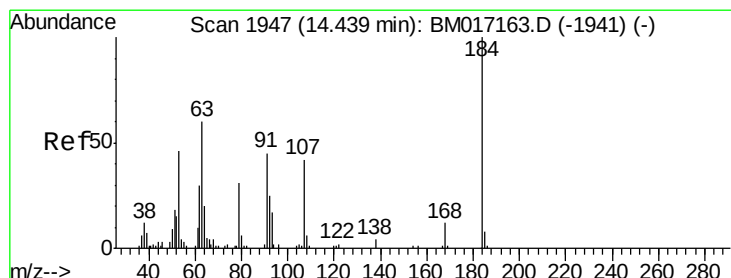
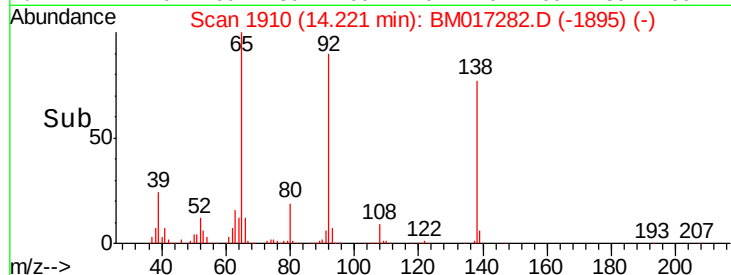
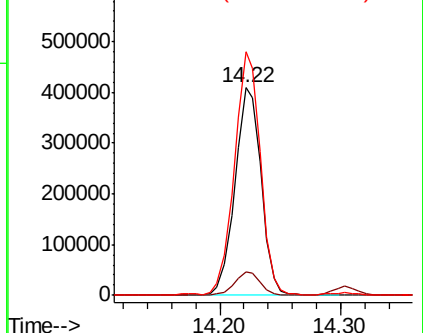
#53
3-Nitroaniline
Concen: 29.069 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 619842
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 117.3 87.9 131.9

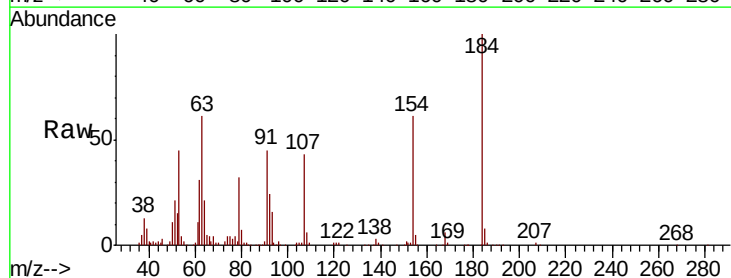


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

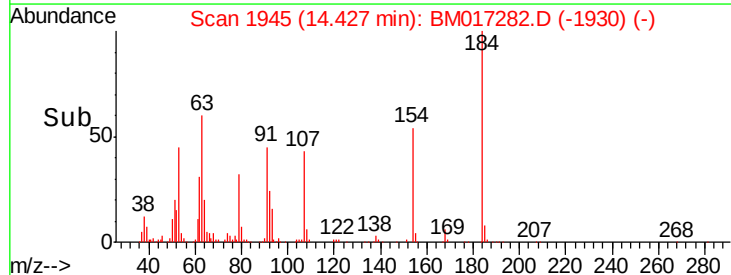
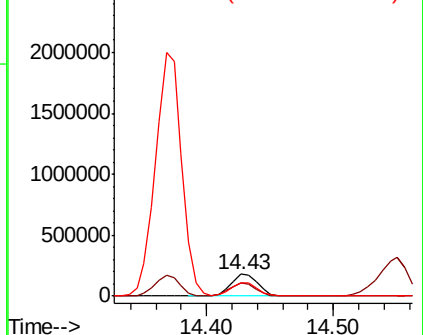


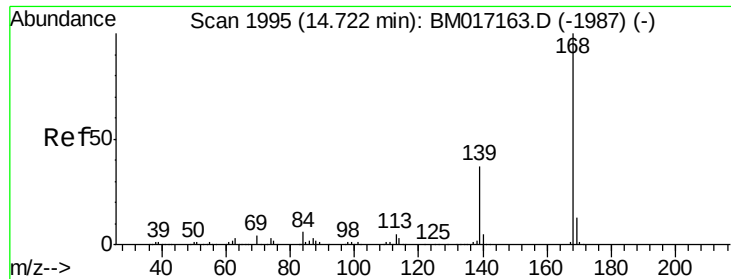
#54
2,4-Dinitrophenol
Concen: 28.730 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:184 Resp: 263959
Ion Ratio Lower Upper
184 100
63 61.2 51.2 76.8
154 61.0 47.8 71.8



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





#55

Dibenzofuran

Concen: 39.101 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

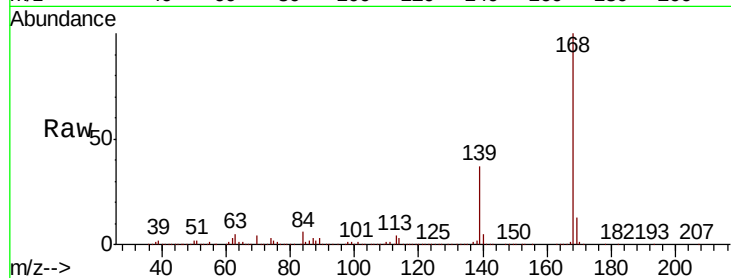
Instrument :

BNA_M

ClientSampleId :

Tot Ion:168 Resp: 4542410

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.3	43.9
169	13.1	10.6	15.8

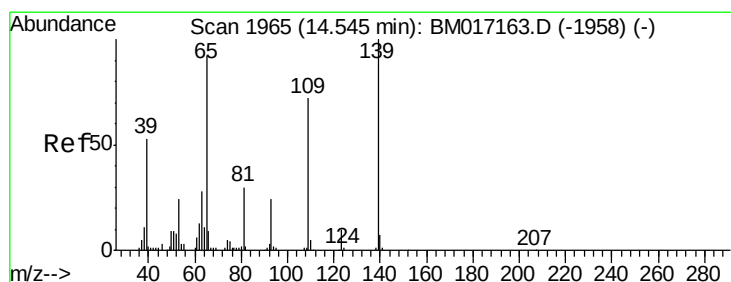
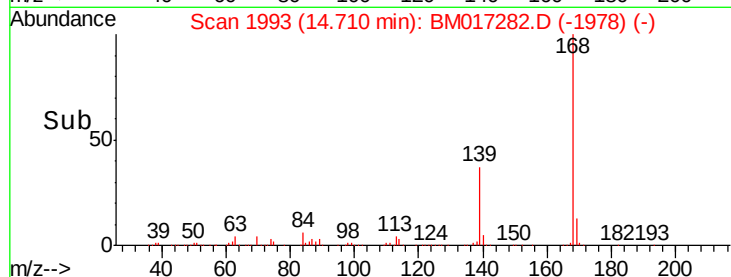
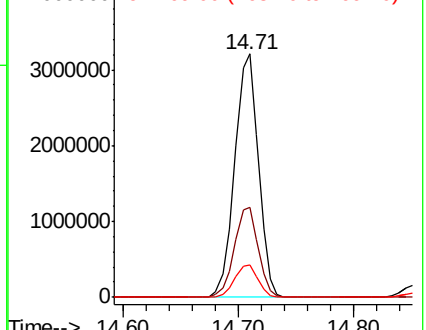


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.497 ng

RT: 14.55 min Scan# 1966

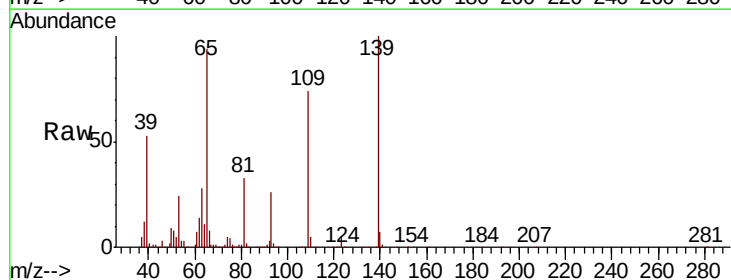
Delta R.T. 0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion:139 Resp: 1792132

Ion	Ratio	Lower	Upper
139	100		
109	74.4	51.8	91.8
65	93.8	72.1	112.1

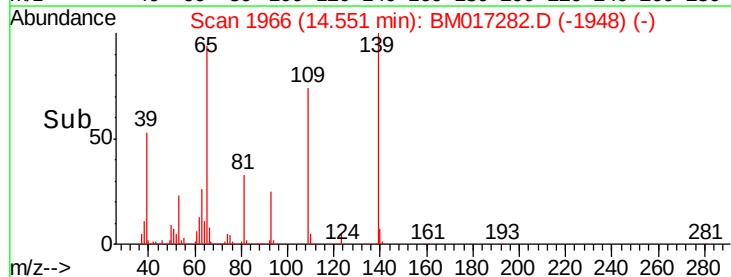
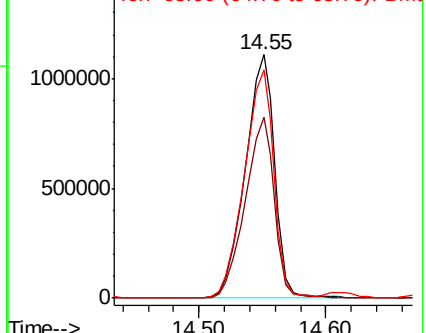


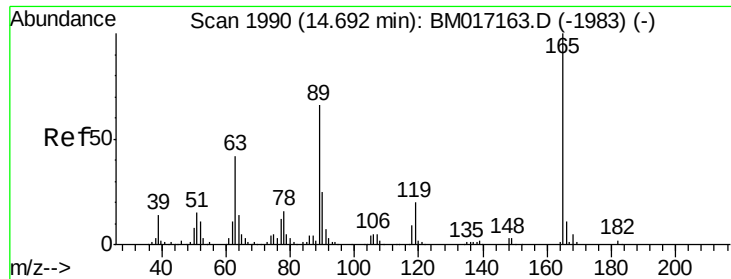
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

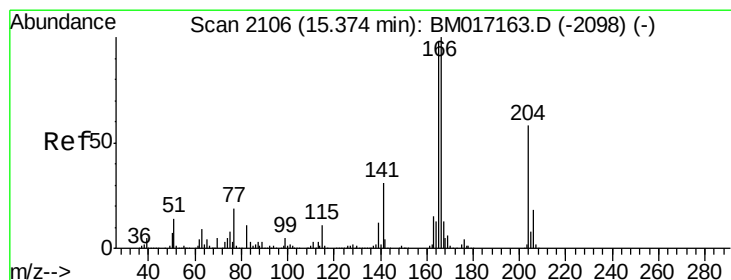
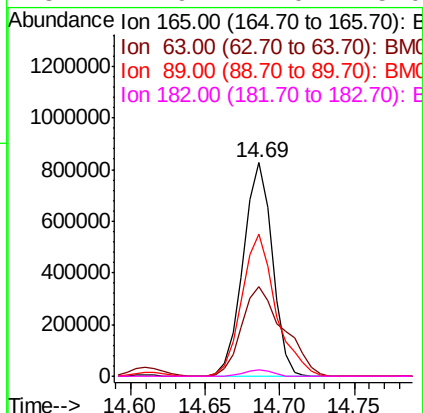
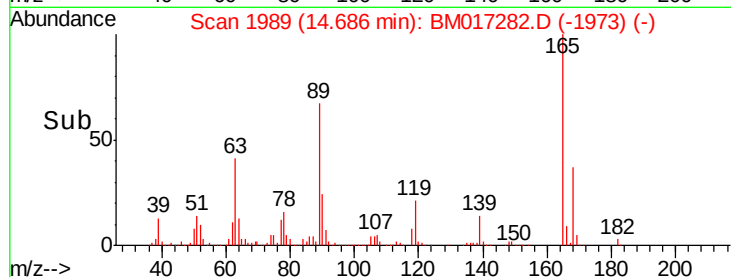
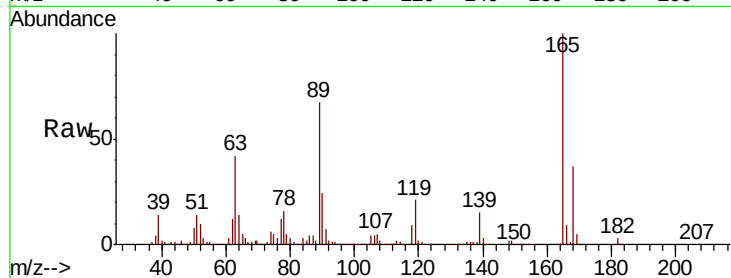




#57
2,4-Dinitrotoluene
Concen: 42.224 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

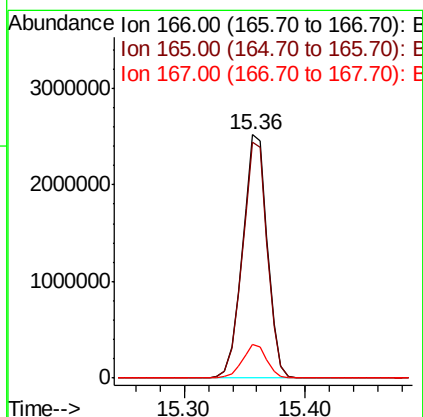
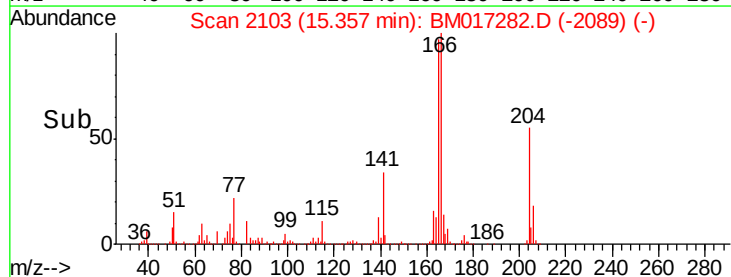
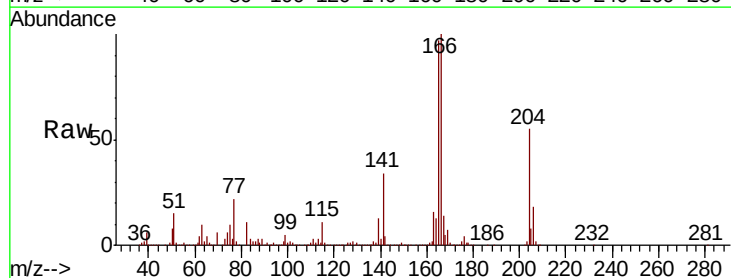
Instrument :
BNA_M
ClientSampleId :

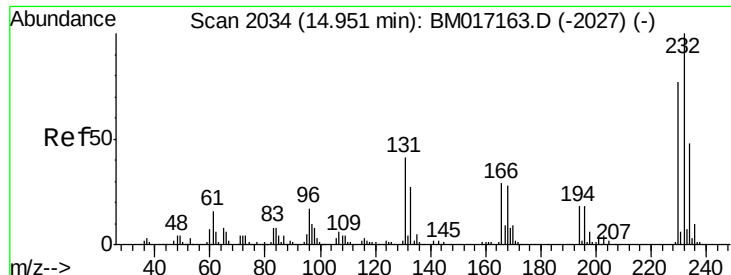
Tot Ion:165 Resp: 1117317
Ion Ratio Lower Upper
165 100
63 42.2 33.8 50.8
89 66.8 53.1 79.7
182 2.9 2.0 3.0



#58
Fluorene
Concen: 41.847 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:166 Resp: 3598314
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 13.7 10.6 16.0

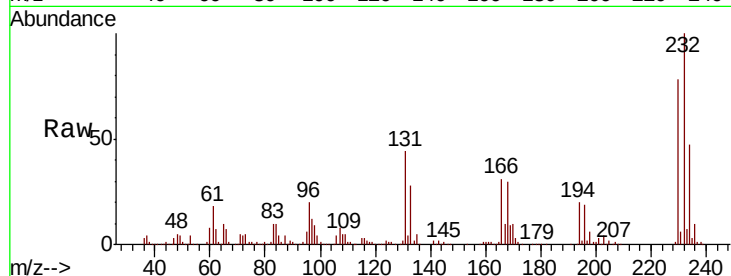




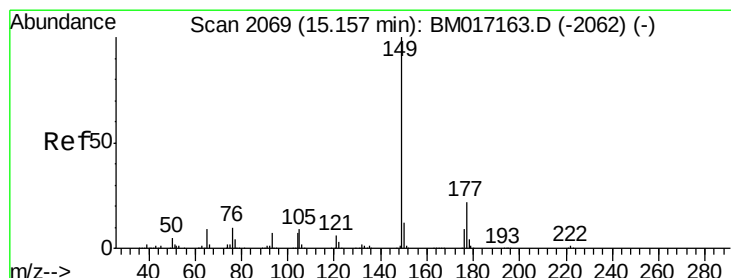
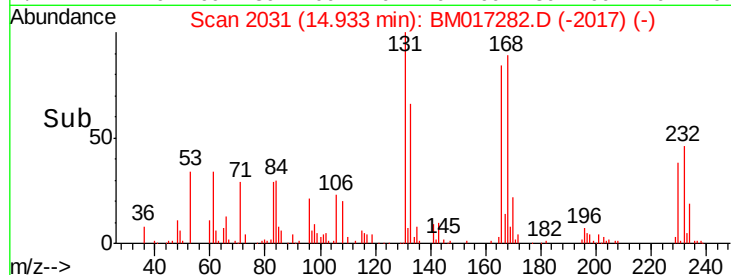
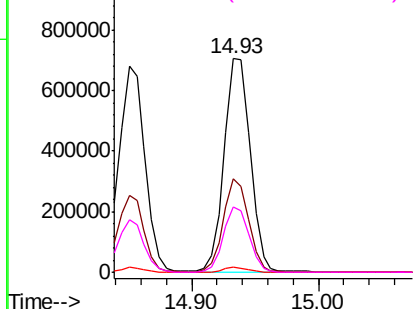
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.411 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 1005789
 Ion Ratio Lower Upper
 232 100
 131 42.4 33.1 49.7
 130 2.2 1.7 2.5
 166 30.0 24.4 36.6

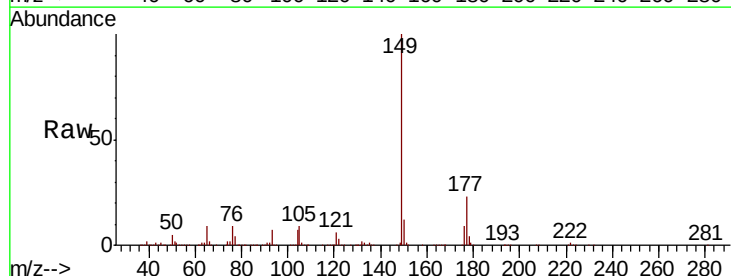


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

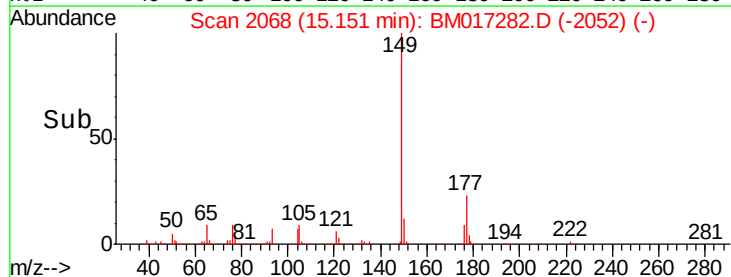
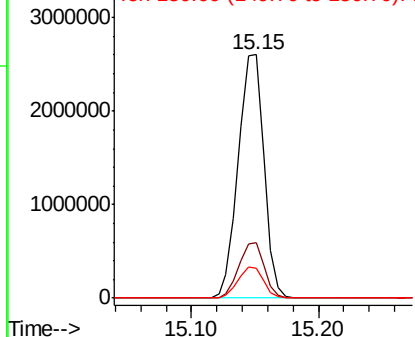


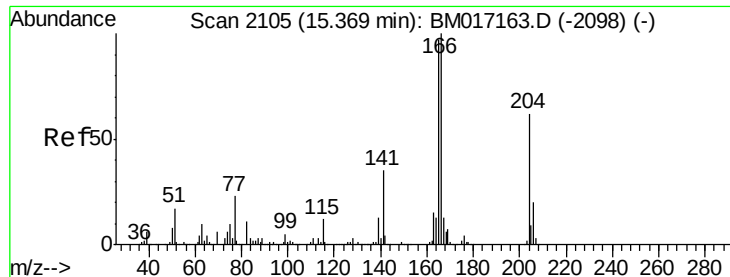
#60
 Diethylphthalate
 Concen: 41.186 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion:149 Resp: 3653678
 Ion Ratio Lower Upper
 149 100
 177 22.7 17.7 26.5
 150 12.1 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



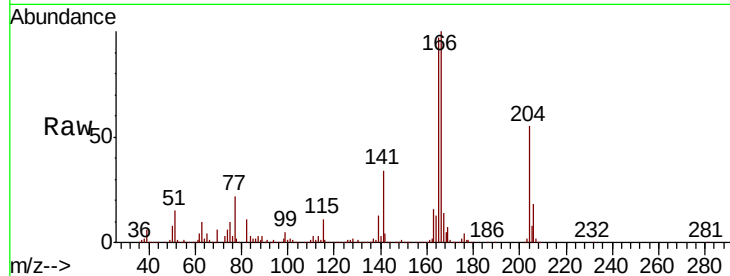


#61
 4-Chlorophenyl-phenylether
 Concen: 37.644 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

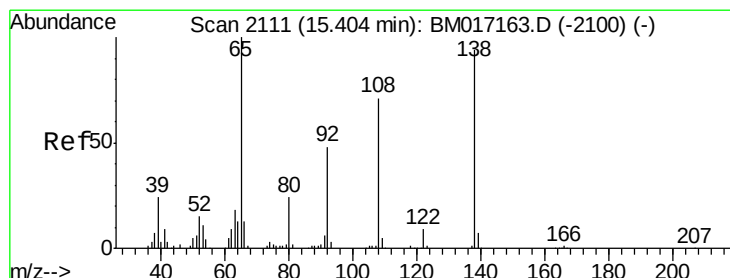
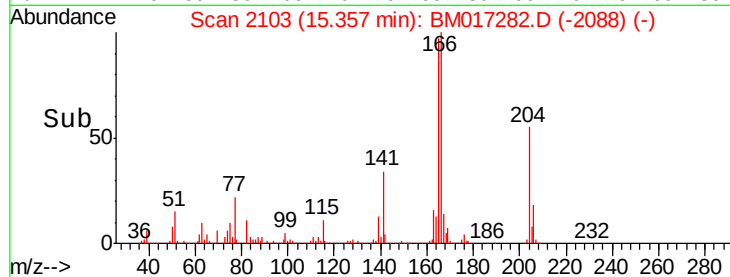
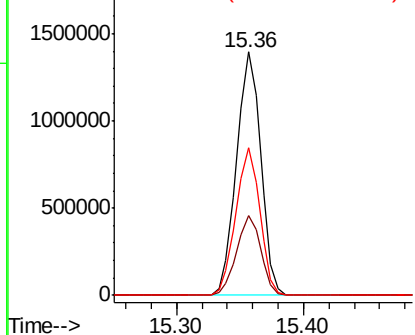
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 1845384

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.1	39.1
141	60.7	45.4	68.2



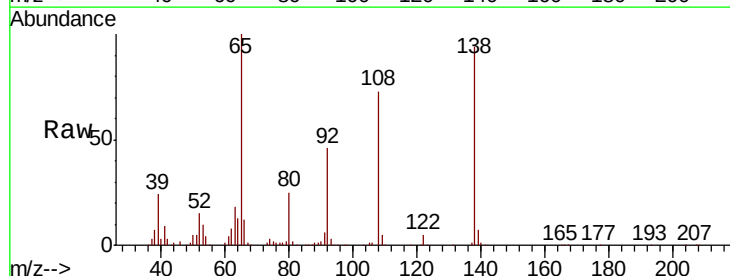
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



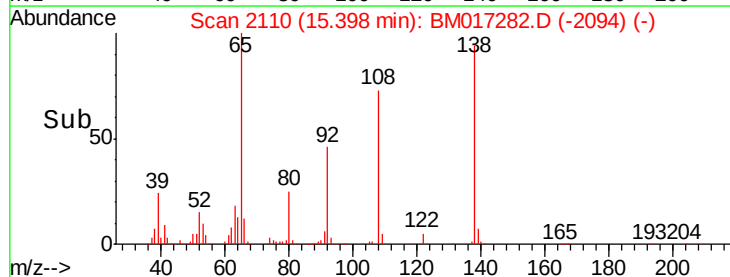
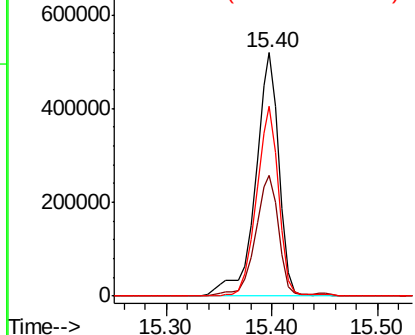
#62
 4-Nitroaniline
 Concen: 35.269 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

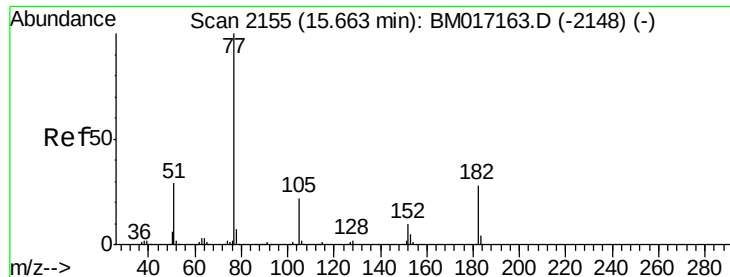
Tgt Ion:138 Resp: 805965

Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.2	71.2
108	78.0	55.5	95.5



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



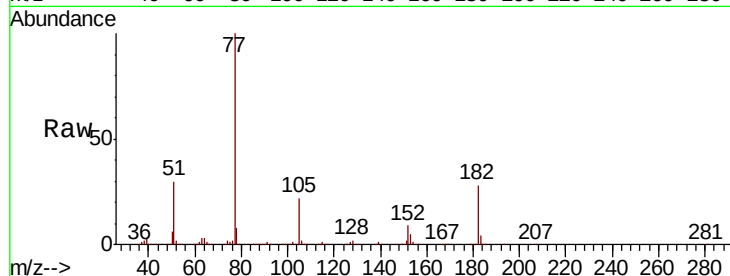


#63
Azobenzene
Concen: 40.111 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 3458574

Ion	Ratio	Lower	Upper
77	100		
182	27.8	8.3	48.3
105	21.7	1.5	41.5
51	29.7	8.8	48.8

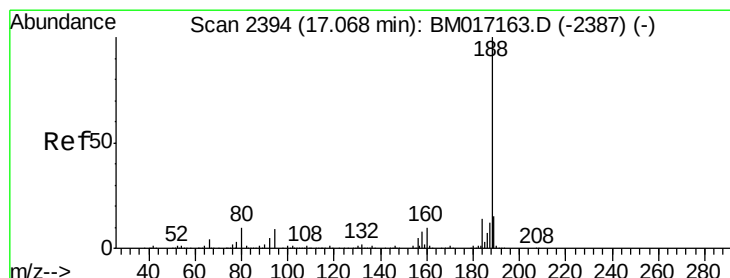
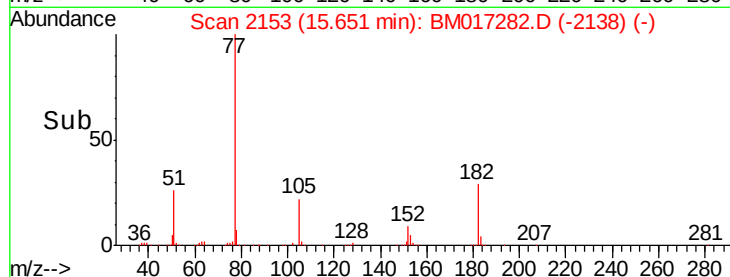
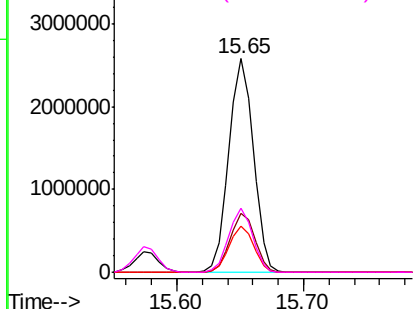


Abundance Ion 77.00 (76.70 to 77.70): BM017282.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017282.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017282.D (-2138) (-)

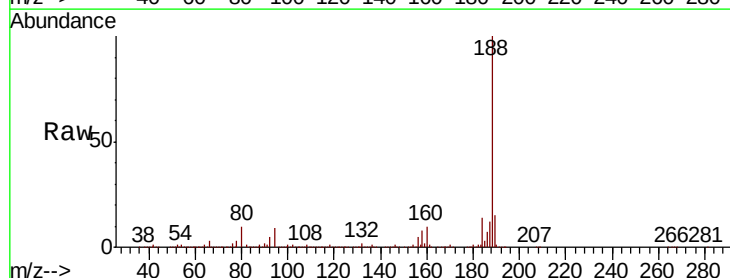
Ion 51.00 (50.70 to 51.70): BM017282.D (-2138) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion: 188 Resp: 2379083

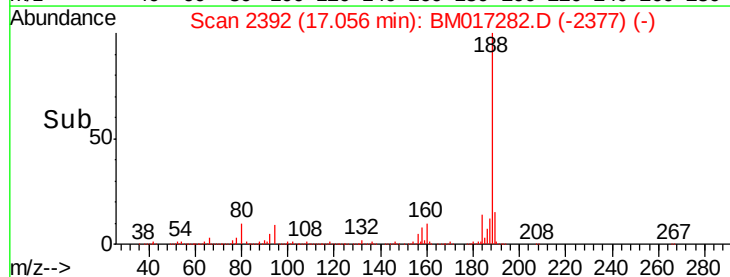
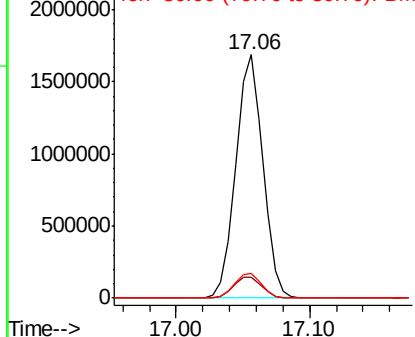
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	9.9	7.7	11.5

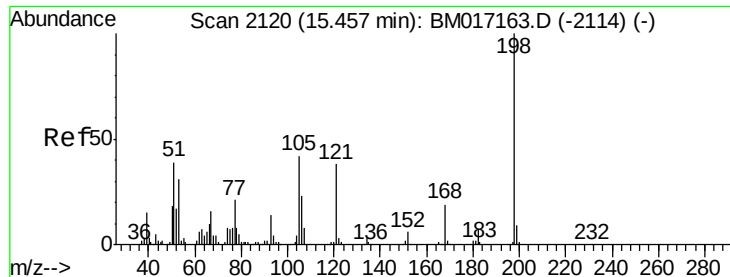


Abundance Ion 188.00 (187.70 to 188.70): BM017282.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017282.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017282.D (-2377) (-)

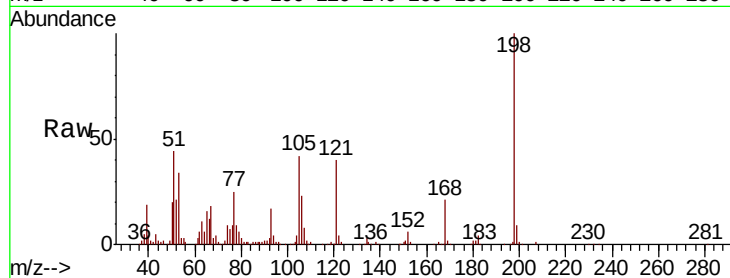




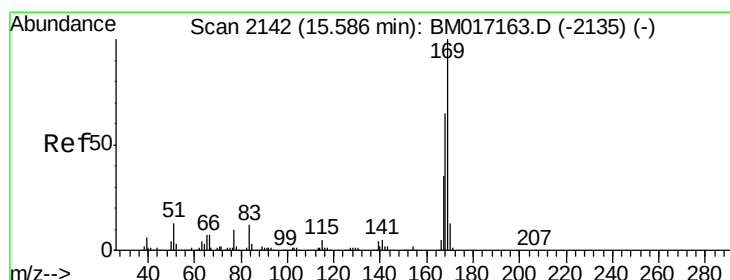
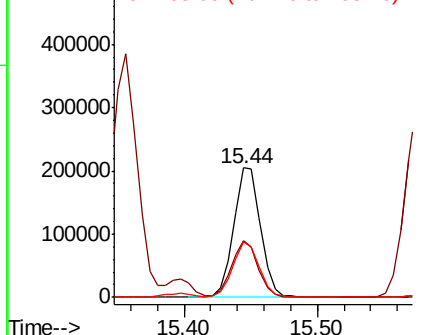
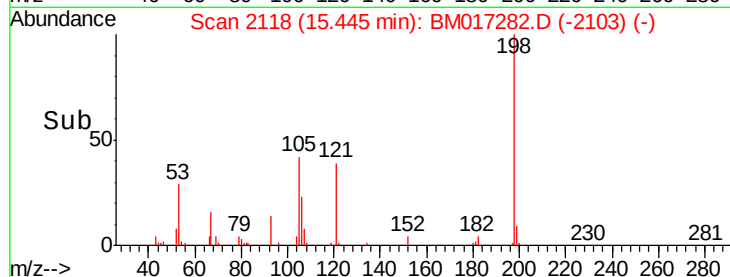
#65
 4,6-Dinitro-2-methylphenol
 Concen: 23.086 ng
 RT: 15.44 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:198 Resp: 287679
 Ion Ratio Lower Upper
 198 100
 51 43.8 20.3 60.3
 105 42.4 21.9 61.9

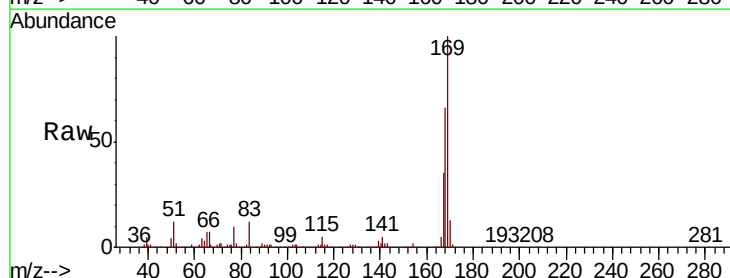


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

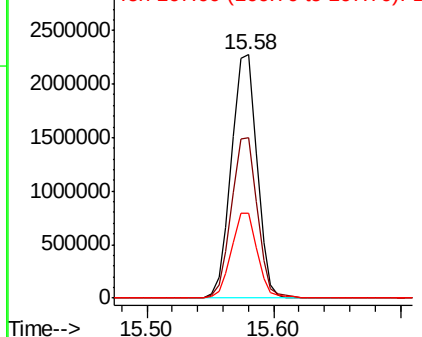
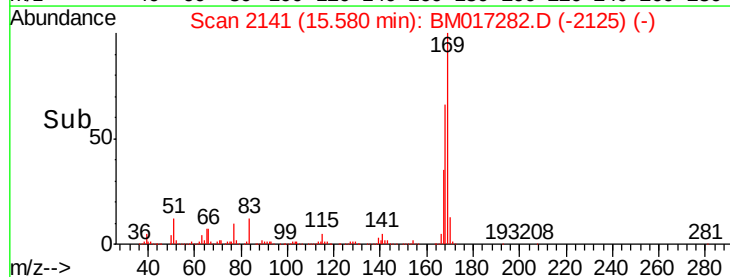


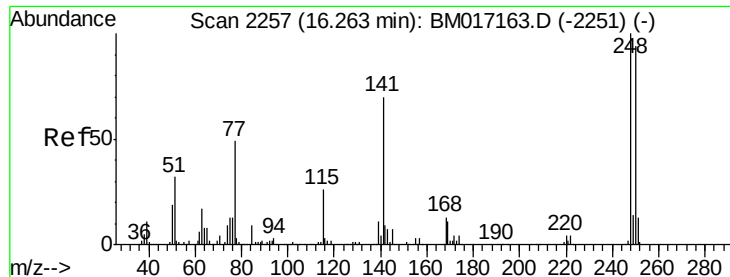
#66
 n-Nitrosodiphenylamine
 Concen: 43.907 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion:169 Resp: 3160387
 Ion Ratio Lower Upper
 169 100
 168 65.8 52.2 78.4
 167 34.9 28.4 42.6



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

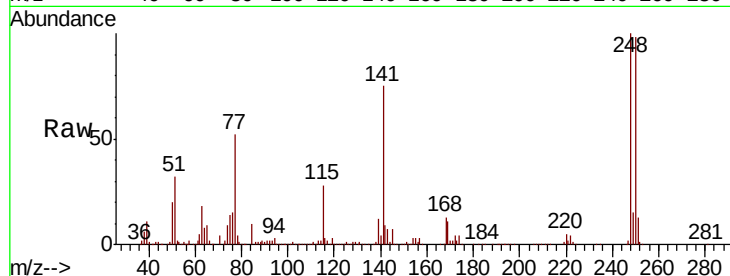




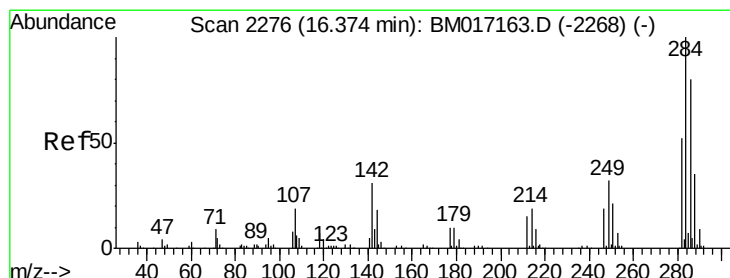
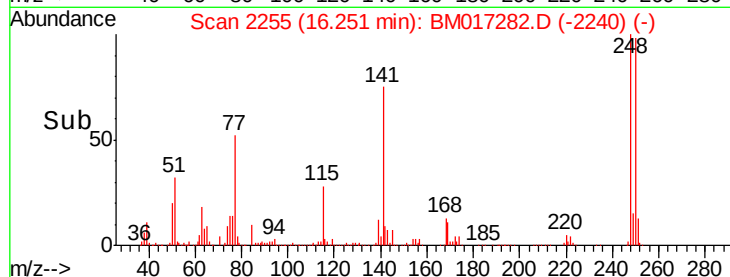
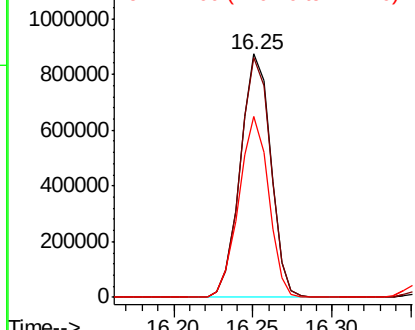
#67
4-Bromophenyl-phenylether
Concen: 44.679 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 1167121
Ion Ratio Lower Upper
248 100
250 98.4 75.1 112.7
141 74.6 55.6 83.4

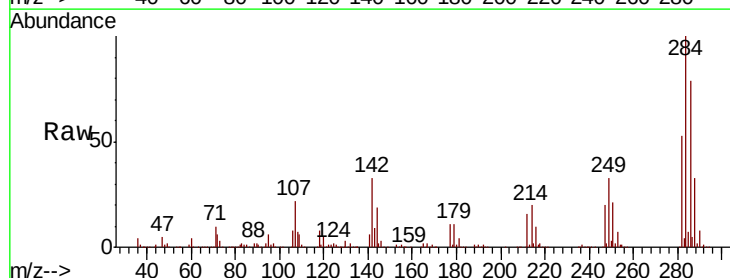


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

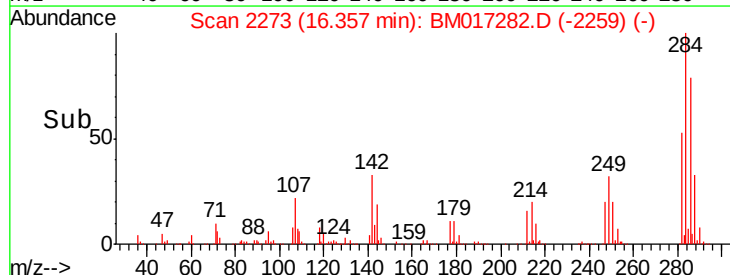
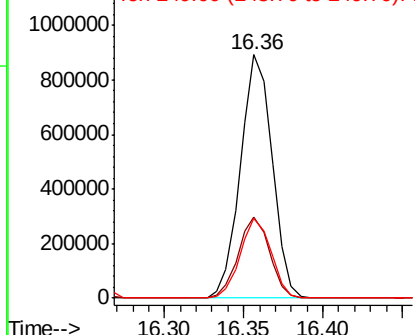


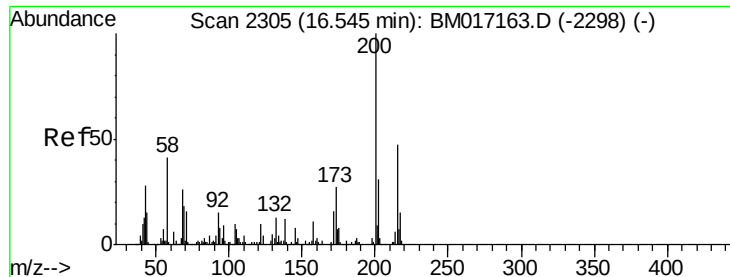
#68
Hexachlorobenzene
Concen: 40.889 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:284 Resp: 1240739
Ion Ratio Lower Upper
284 100
142 33.2 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

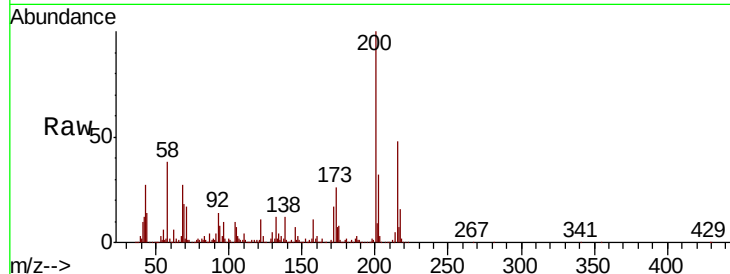




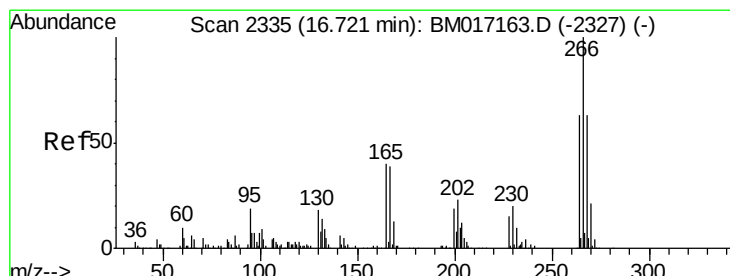
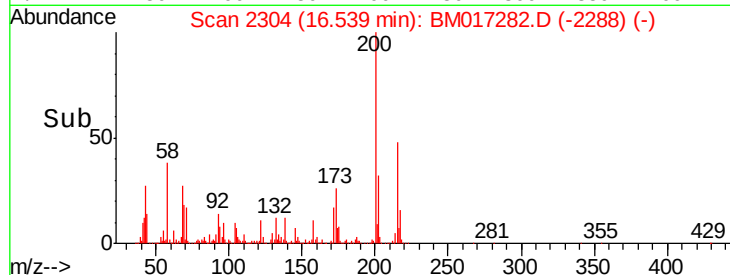
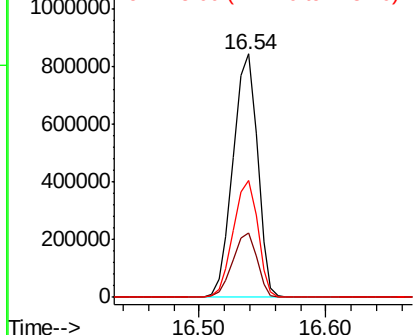
#69
Atrazine
Concen: 43.541 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:200 Resp: 1121679
Ion Ratio Lower Upper
200 100
173 26.4 7.0 47.0
215 48.2 27.3 67.3

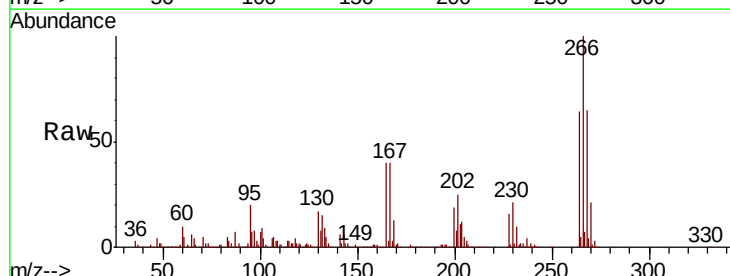


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

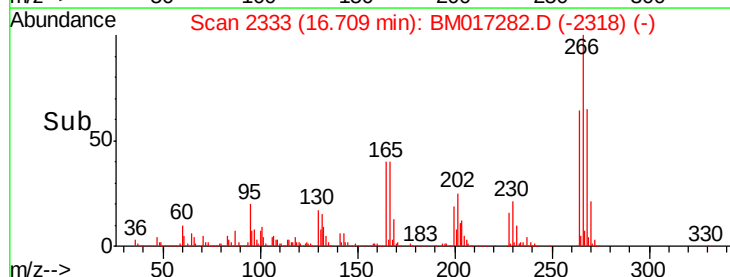
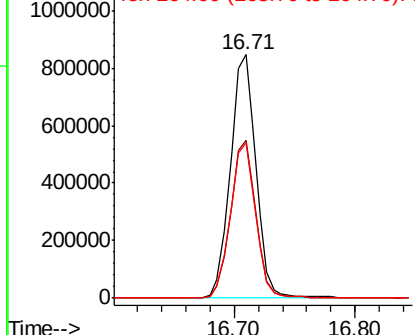


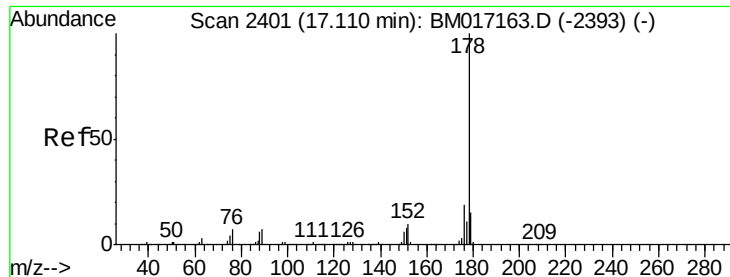
#70
Pentachlorophenol
Concen: 60.192 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:266 Resp: 1251176
Ion Ratio Lower Upper
266 100
268 65.0 50.7 76.1
264 63.8 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

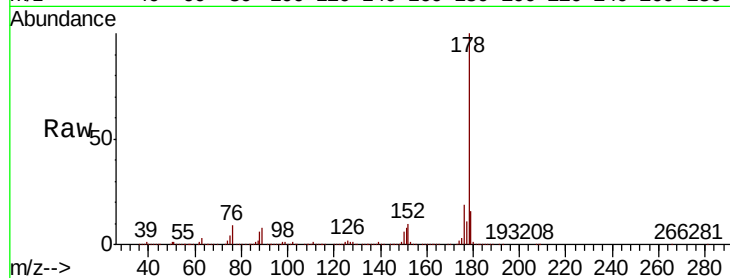




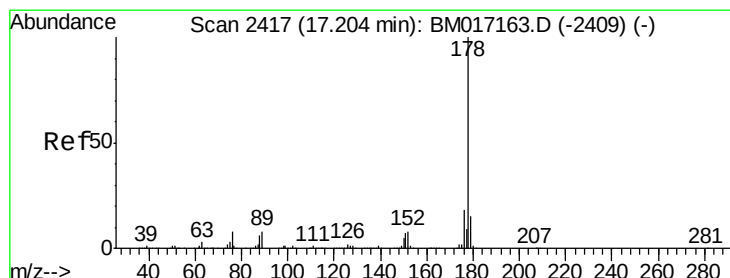
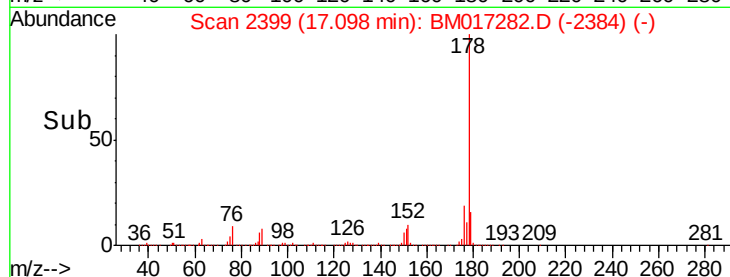
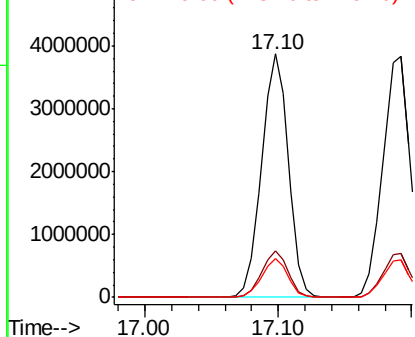
#71
Phenanthrene
Concen: 41.602 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 5339994
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.7 12.3 18.5

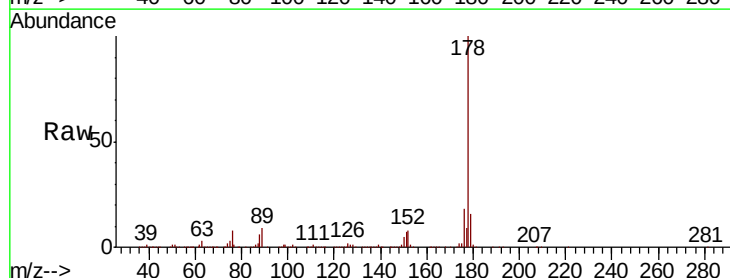


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

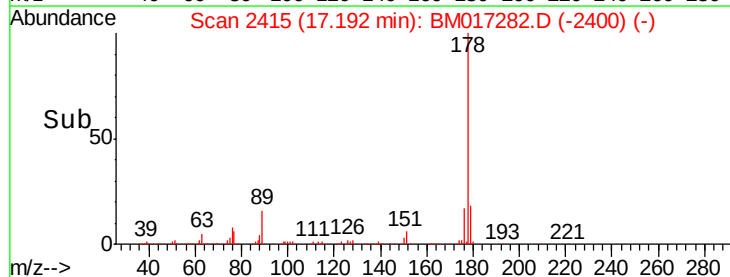
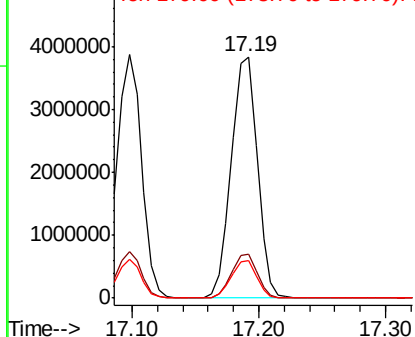


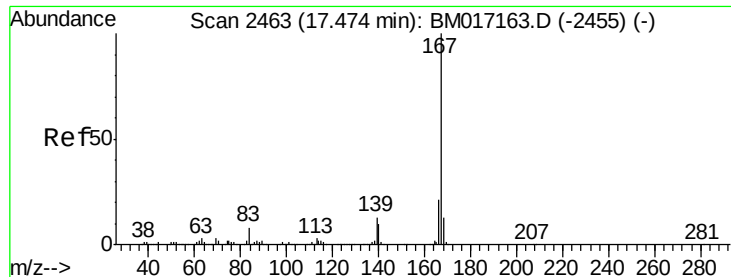
#72
Anthracene
Concen: 44.754 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:178 Resp: 5458352
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.5 12.2 18.2



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





#73

Carbazole

Concen: 37.740 ng

RT: 17.46 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

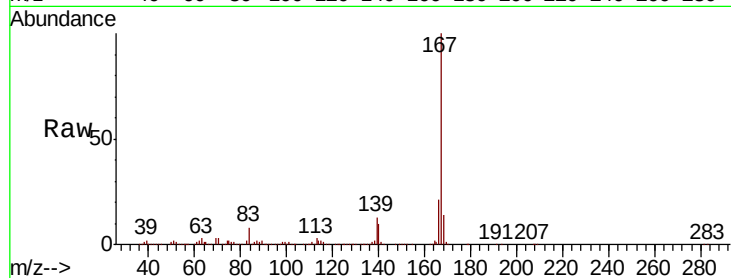
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 4701858

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.7	10.1	15.1

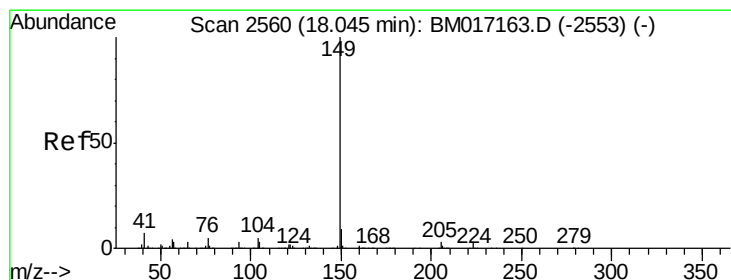
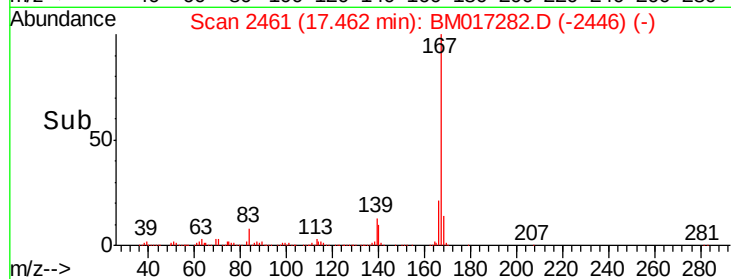
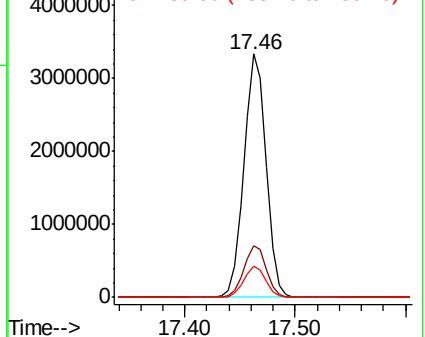


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.298 ng

RT: 18.03 min Scan# 2558

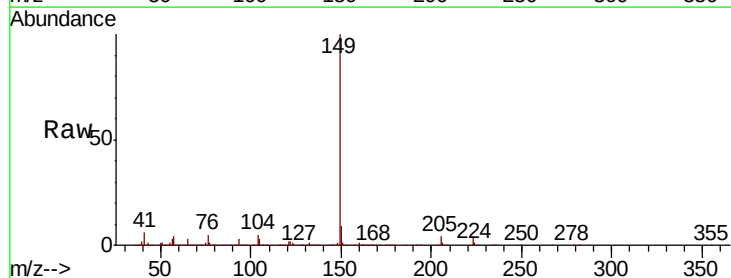
Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion:149 Resp: 5820995

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.0	4.3	6.5

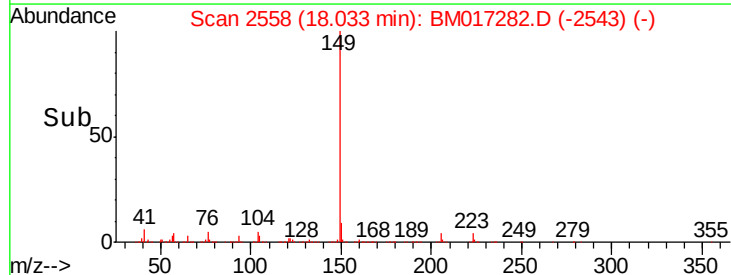
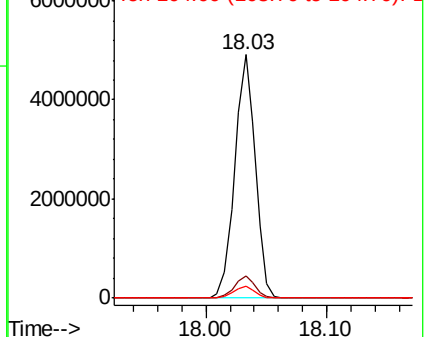


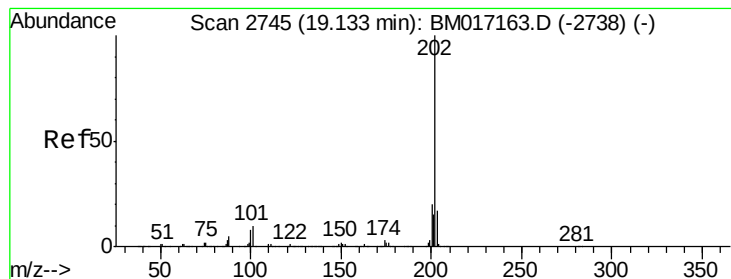
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

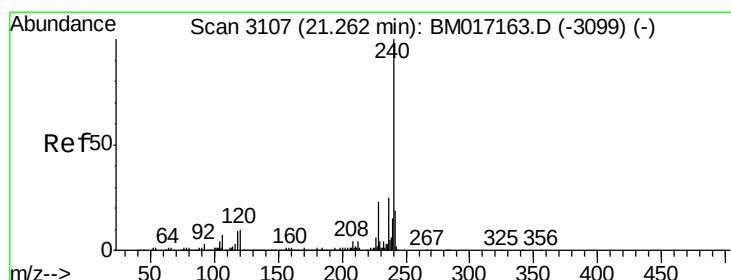
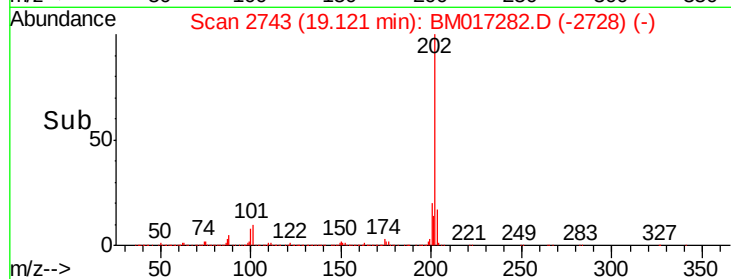
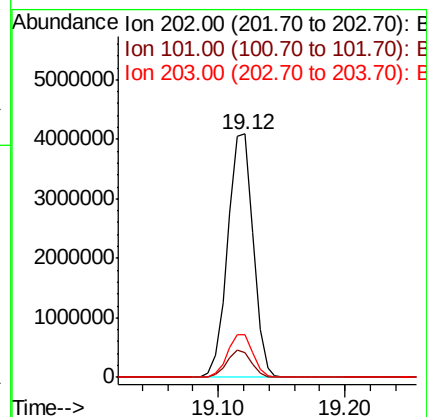
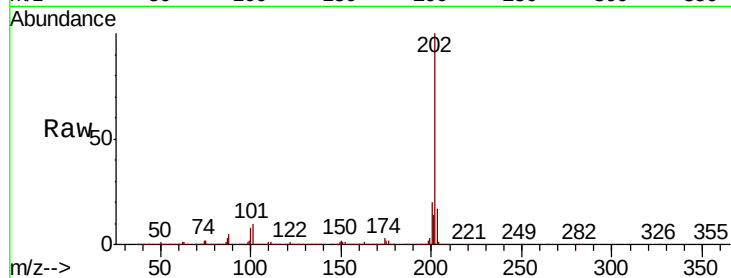




#75
 Fluoranthene
 Concen: 39.181 ng
 RT: 19.12 min Scan# 2743
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

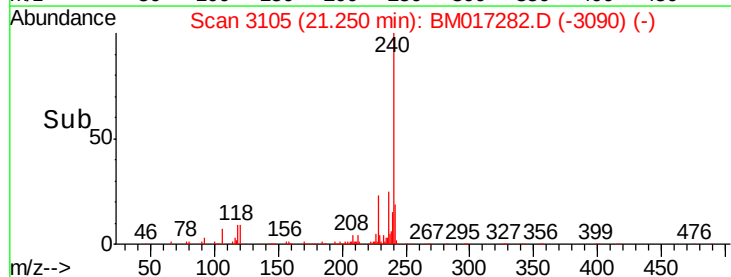
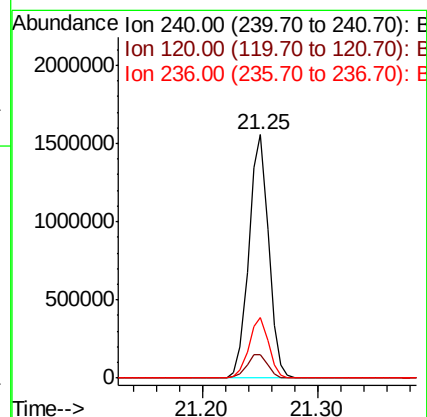
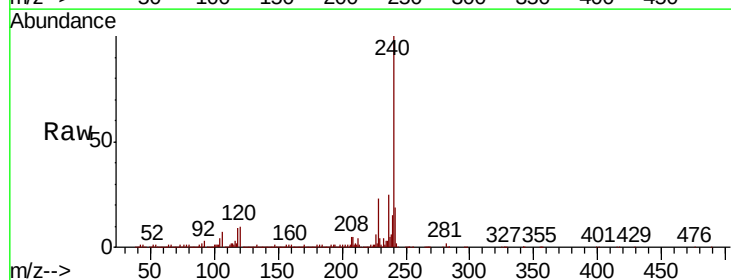
Instrument :
 BNA_M
 ClientSampleId :

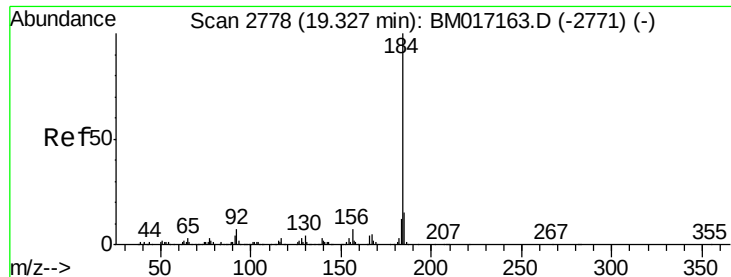
Tot Ion:202 Resp: 5659230
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 30.0
 203 17.5 0.0 37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion:240 Resp: 1840595
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.1 12.1
 236 25.1 19.9 29.9





#77

Benzidine

Concen: 66.402 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

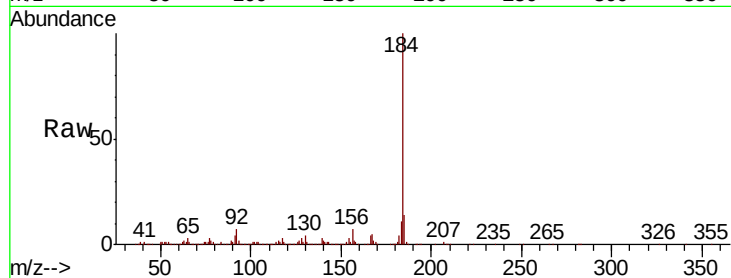
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 3099031

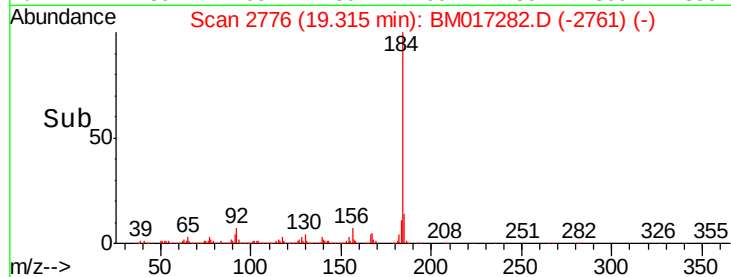
Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.8
183	11.5	9.7	14.5



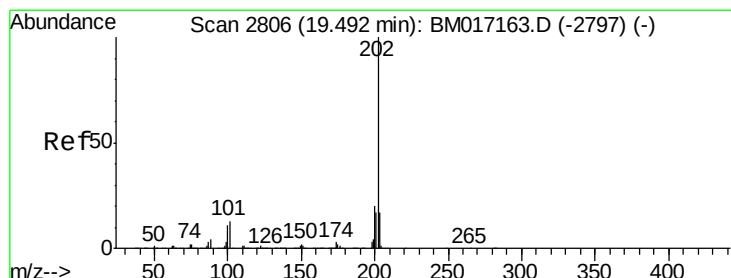
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 53.253 ng

RT: 19.48 min Scan# 2804

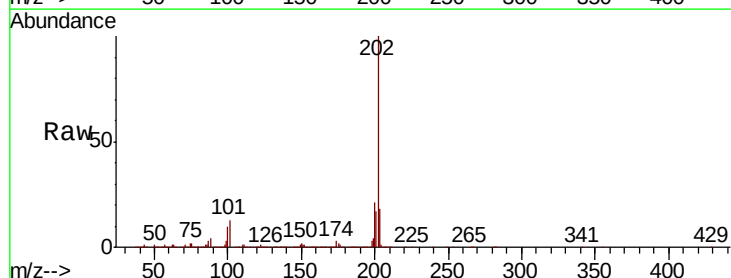
Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion:202 Resp: 5478271

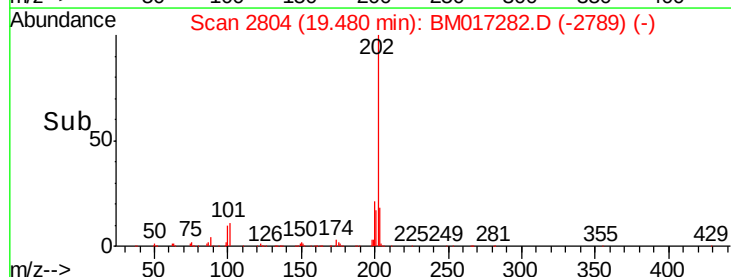
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	17.7	13.9	20.9



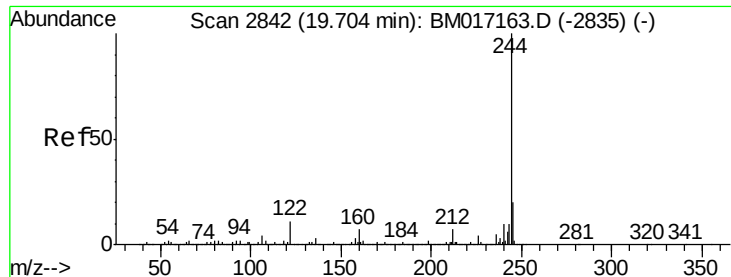
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



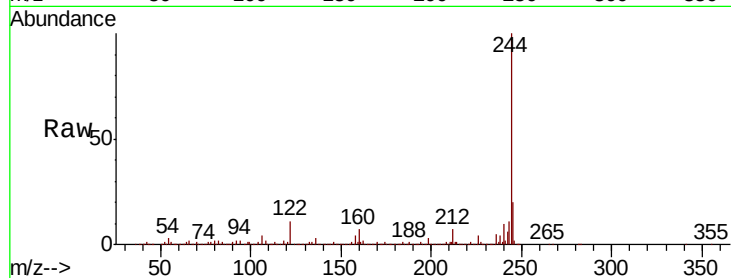
Time-->



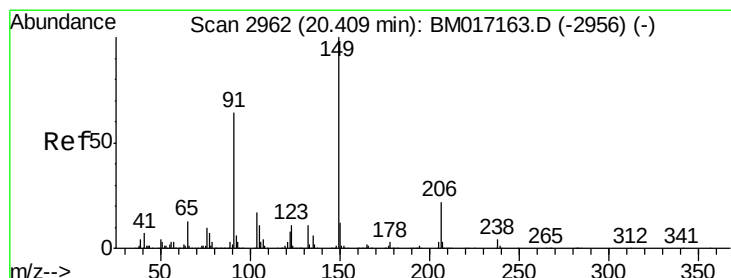
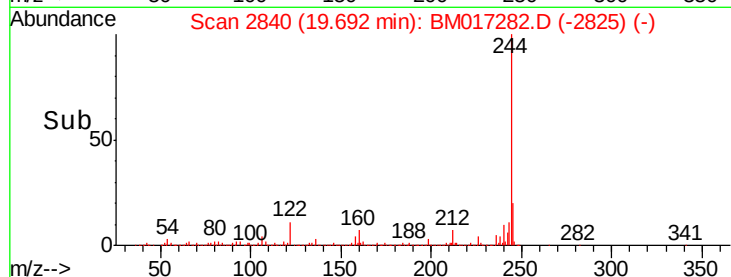
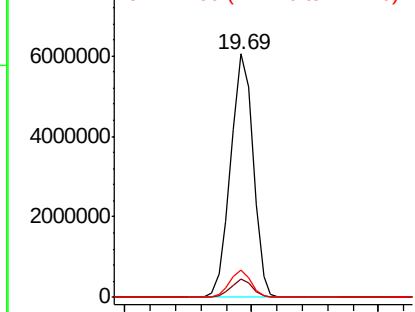
#79
 Terphenyl-d14
 Concen: 90.565 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 7395429
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.0 8.4 12.6

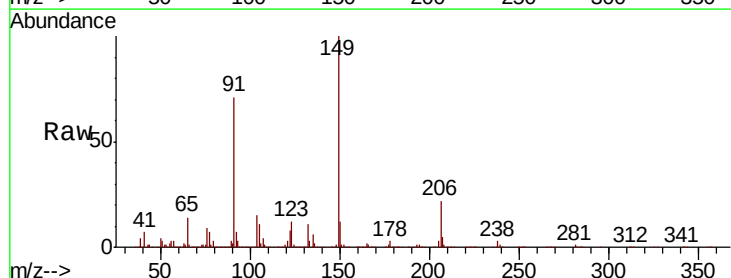


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

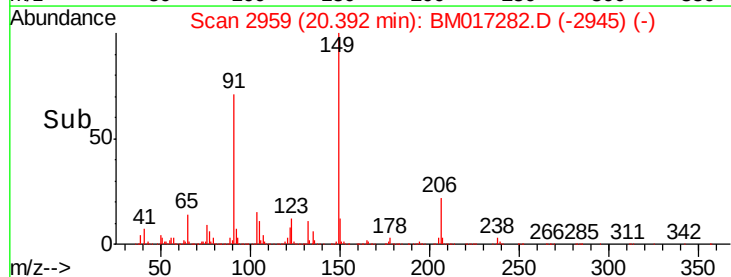
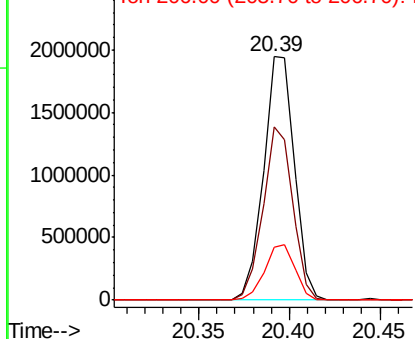


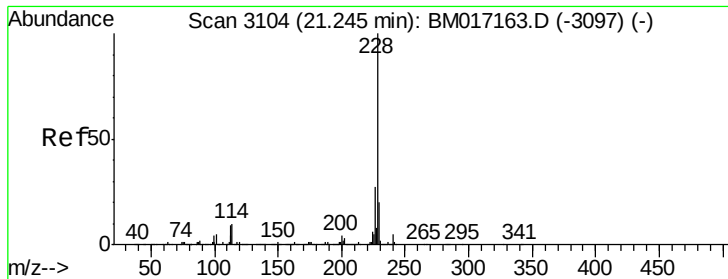
#80
 Butylbenzylphthalate
 Concen: 57.127 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion:149 Resp: 2299077
 Ion Ratio Lower Upper
 149 100
 91 71.3 51.3 76.9
 206 21.7 18.0 27.0



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





#81

Benzo(a)anthracene

Concen: 43.933 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

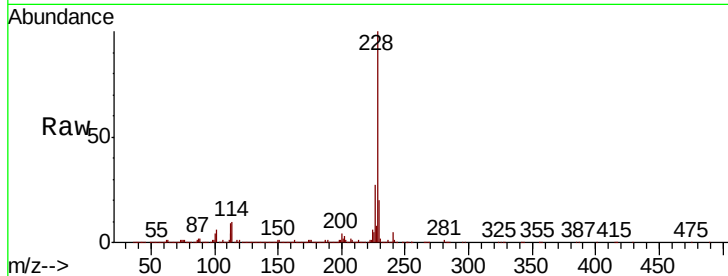
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 4550440

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.0
229	19.9	15.9	23.9

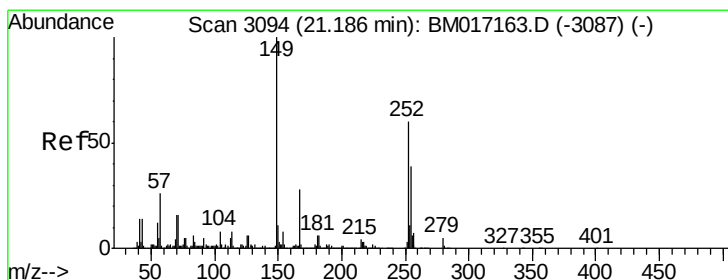
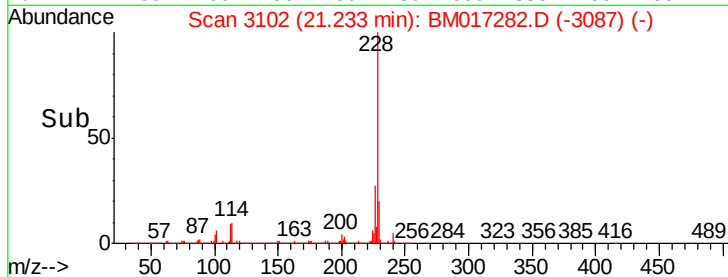
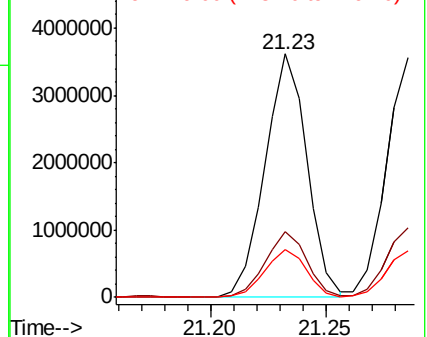


Abundance

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: 31.336 ng

RT: 21.17 min Scan# 3092

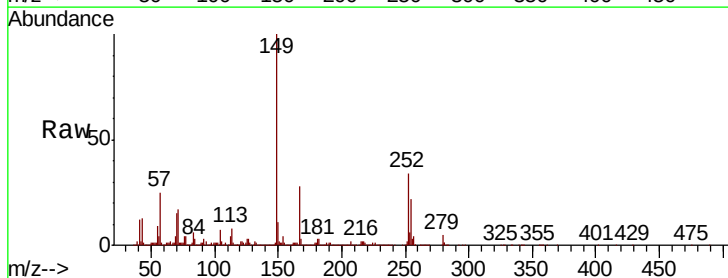
Delta R.T. -0.01 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion:252 Resp: 1209698

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	10.3	8.6	12.8

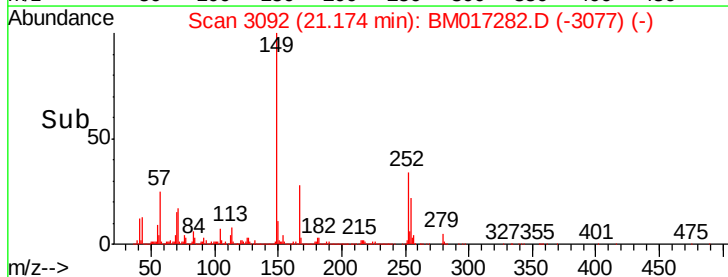
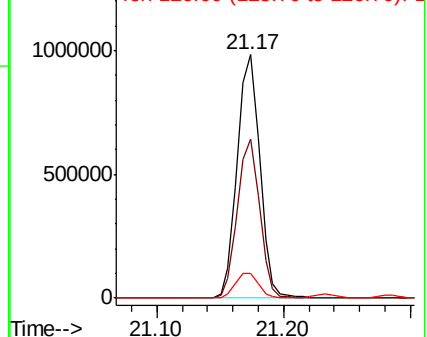


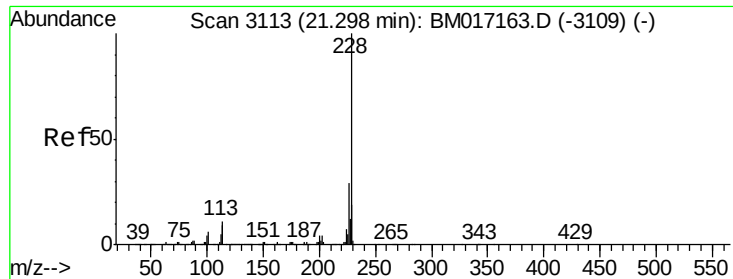
Abundance

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



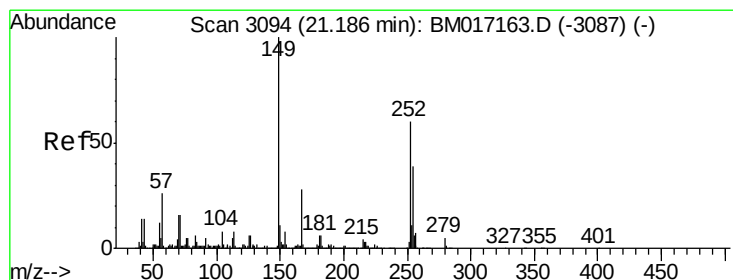
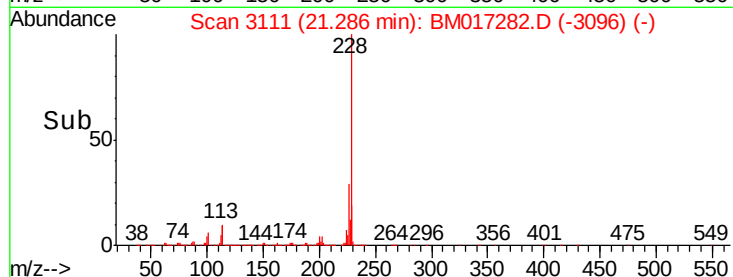
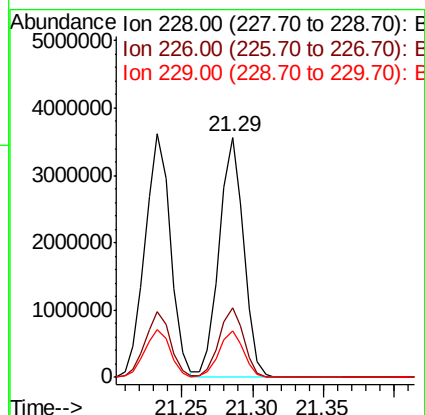
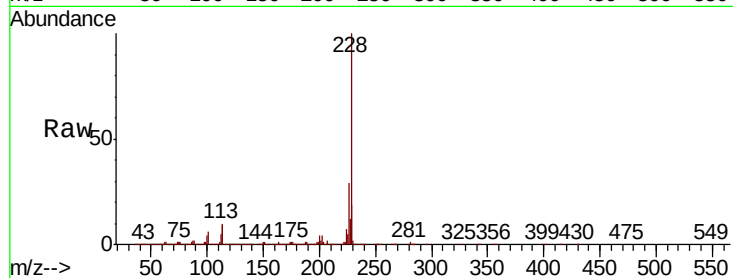


#83
 Chrysene
 Concen: 41.933 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 4298977

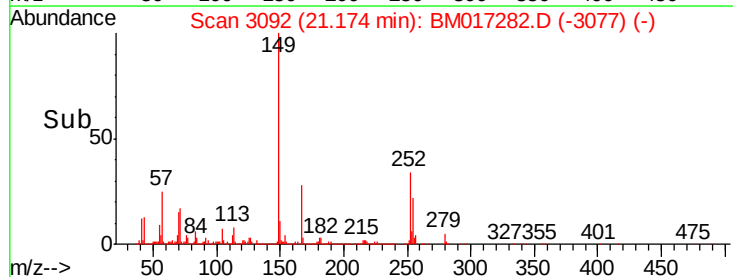
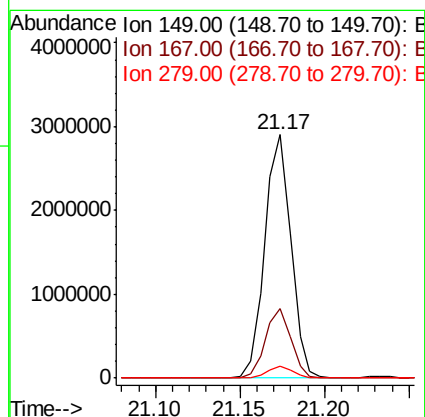
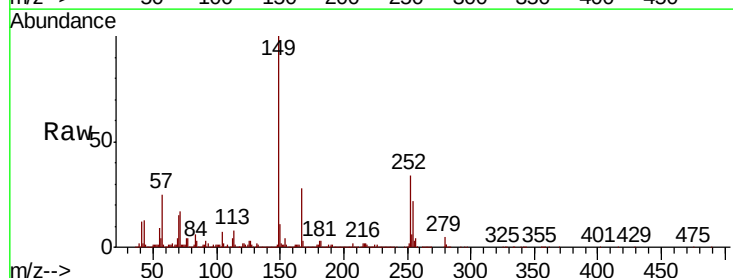
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	19.4	15.6	23.4

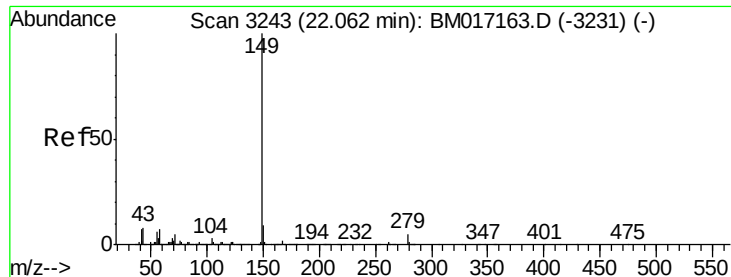


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.801 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017282.D
 Acq: 22 Oct 2018 17:03

Tgt Ion:149 Resp: 3130841

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	4.8	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 46.641 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

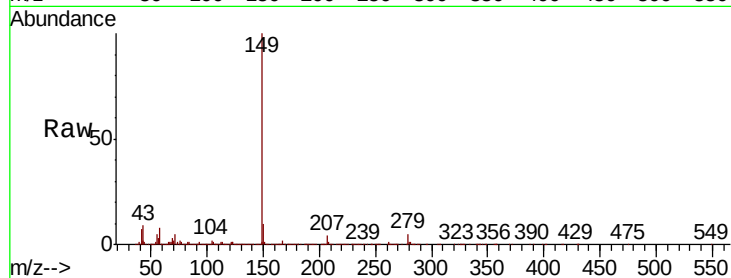
Tot Ion:149 Resp: 4714367

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

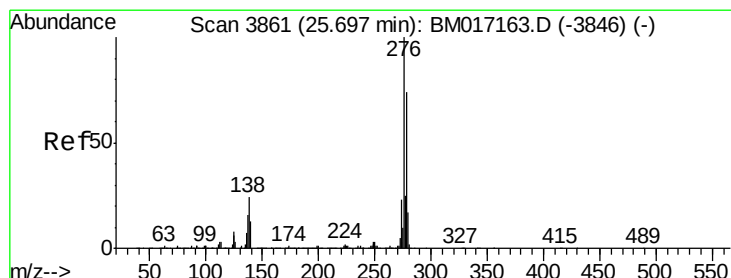
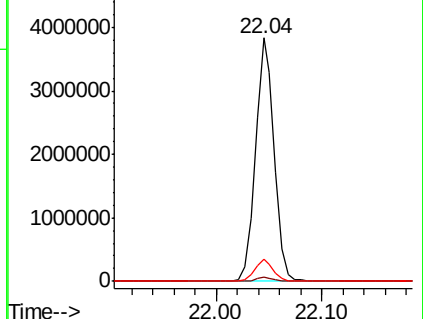
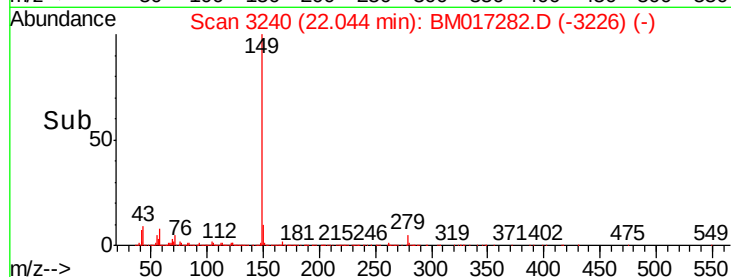
43 8.7 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.509 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

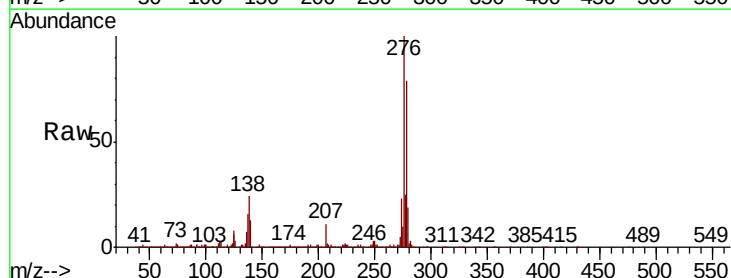
Tgt Ion:276 Resp: 4645153

Ion Ratio Lower Upper

276 100

138 23.3 19.5 29.3

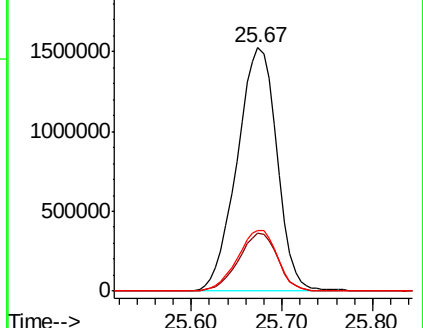
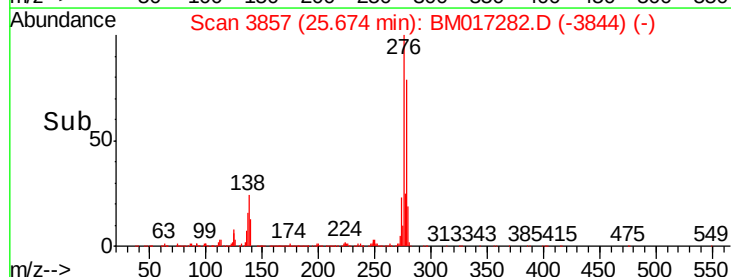
277 25.0 20.1 30.1

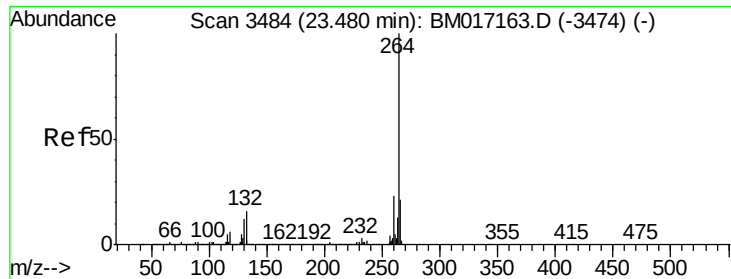


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Instrument :

BNA_M

ClientSampled :

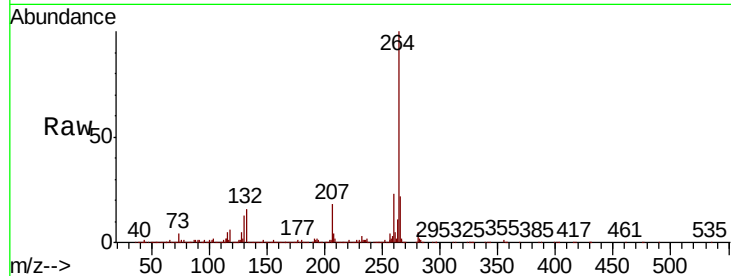
Tot Ion:264 Resp: 1631243

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.7 17.8 26.8

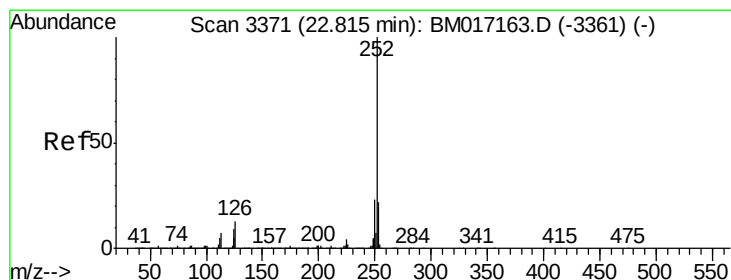
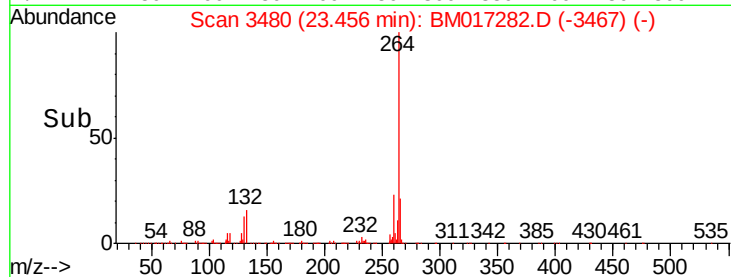
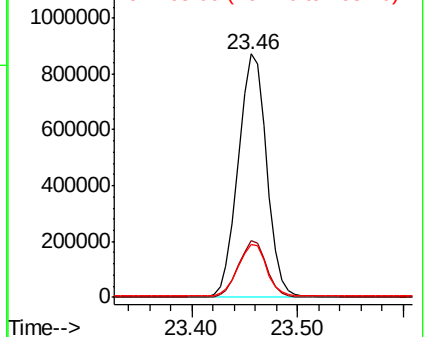


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.380 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

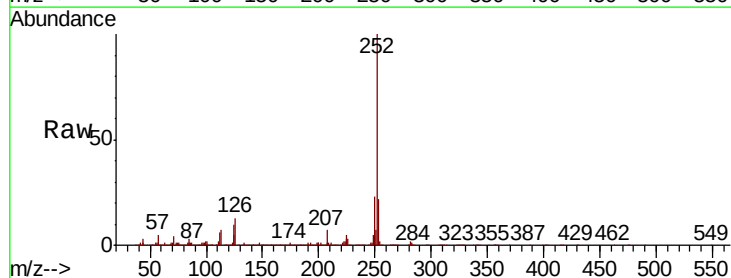
Tgt Ion:252 Resp: 4136484

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.6 7.5 11.3

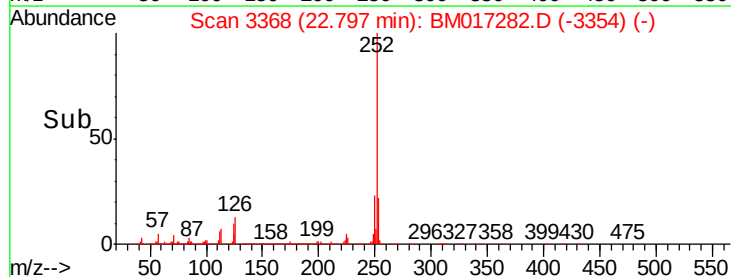
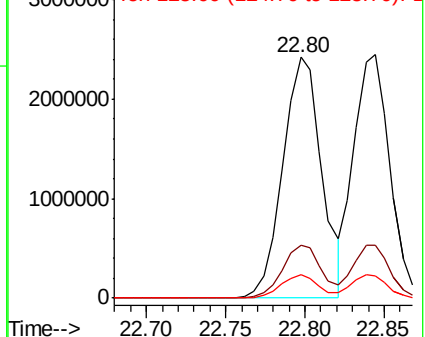


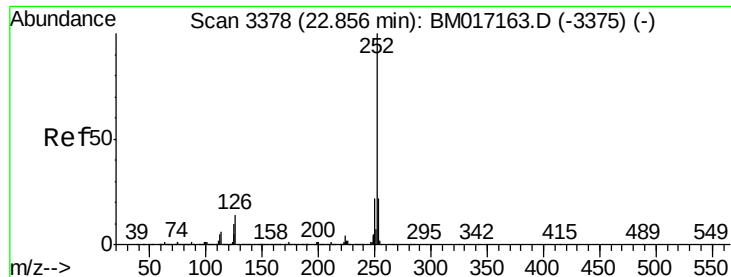
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

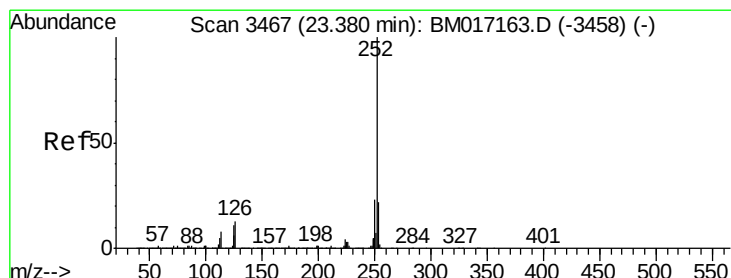
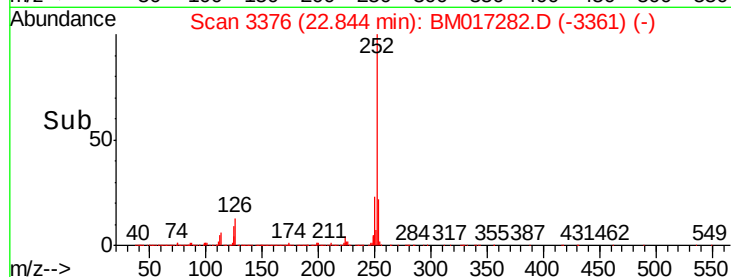
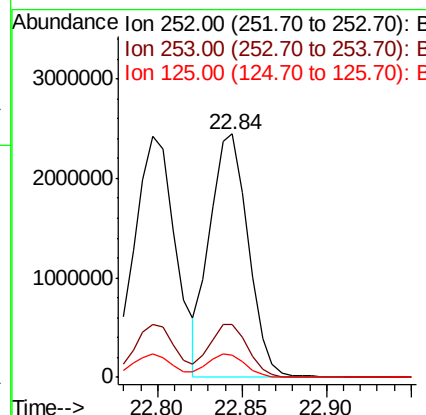
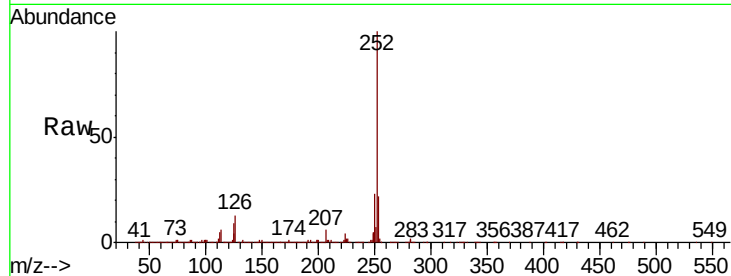




#89
Benzo(k)fluoranthene
Concen: 43.109 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

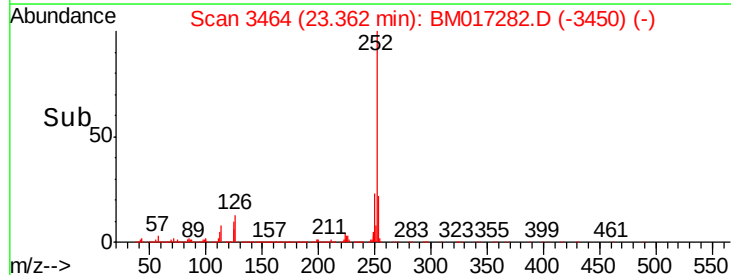
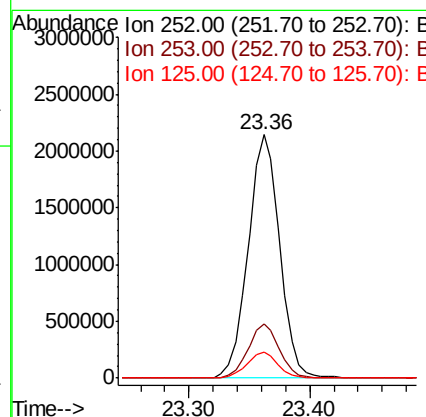
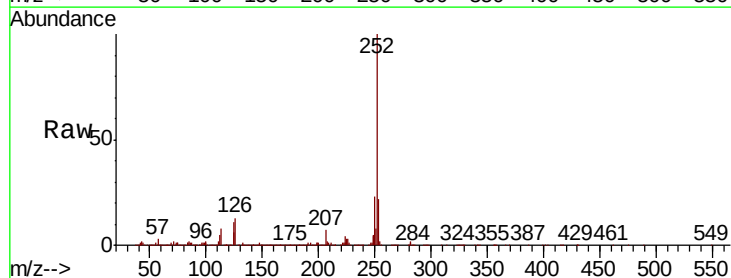
Instrument :
BNA_M
ClientSampleId :

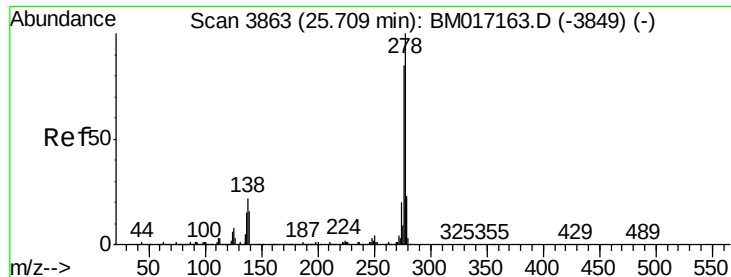
Tot Ion:252 Resp: 3857868
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.3 8.2 12.2



#90
Benzo(a)pyrene
Concen: 45.890 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BM017282.D
Acq: 22 Oct 2018 17:03

Tgt Ion:252 Resp: 3885928
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 46.277 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

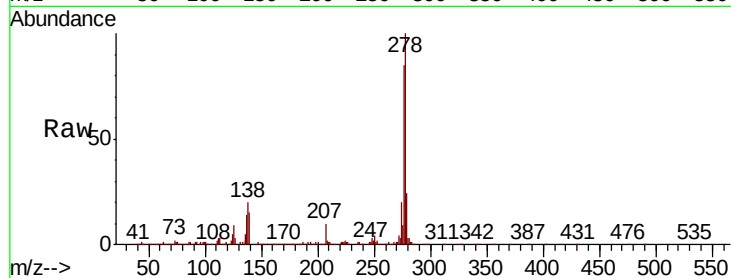
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3891152

Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.7	19.1
279	23.8	18.7	28.1

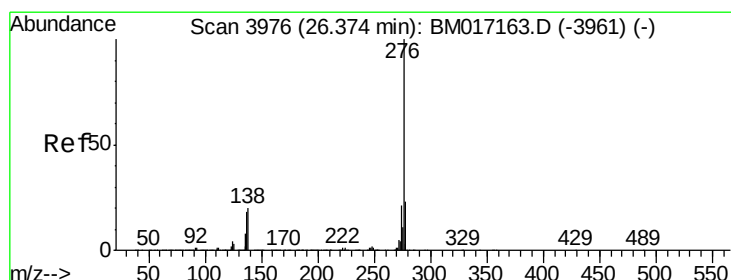
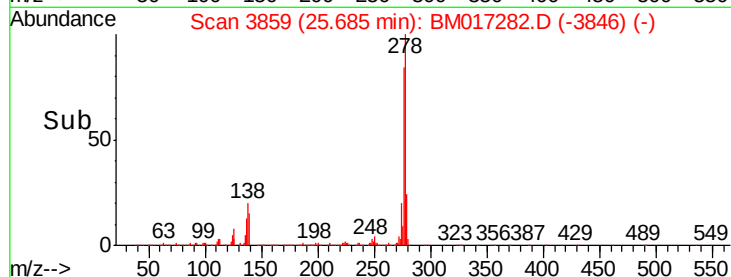
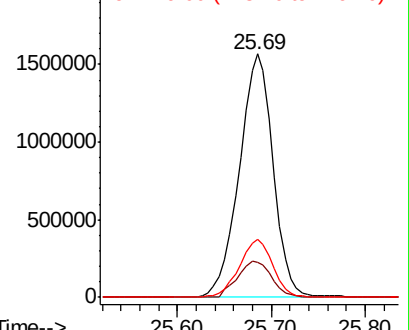


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.828 ng

RT: 26.35 min Scan# 3972

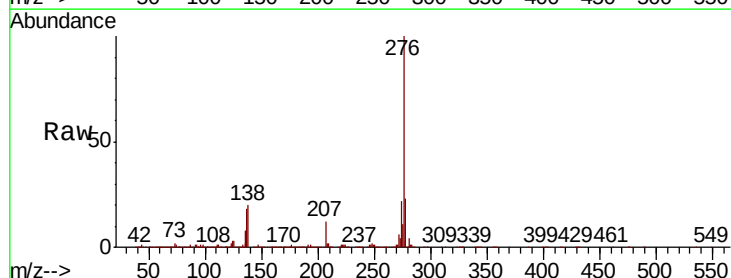
Delta R.T. -0.02 min

Lab File: BM017282.D

Acq: 22 Oct 2018 17:03

Tgt Ion:276 Resp: 3985815

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	20.0	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

