

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018380.D
 Acq On : 22 Dec 2018 12:31
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 05:53:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	120981	20.00	ng	-0.03
21) Naphthalene-d8	10.24	136	500646	20.00	ng	-0.03
39) Acenaphthene-d10	14.14	164	284059	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	573797	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	466329	20.00	ng	-0.01
87) Perylene-d12	23.29	264	494458	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	611552	84.44	ng	-0.01
7) Phenol-d6	6.69	99	861559	85.59	ng	-0.01
23) Nitrobenzene-d5	8.64	82	970054	99.39	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	306068	73.41	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1948344	88.84	ng	-0.02
79) Terphenyl-d14	19.56	244	1988068	96.42	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	110519	38.523	ng	94
3) Pyridine	3.50	79	379586	44.975	ng	94
4) n-Nitrosodimethylamine	3.42	42	139307	47.954	ng	# 84
6) Aniline	6.83	93	524365	41.525	ng	98
8) 2-Chlorophenol	7.05	128	350595	40.973	ng	95
9) Benzaldehyde	6.65	77	276922	45.133	ng	88
10) Phenol	6.72	94	452743	42.469	ng	90
11) bis(2-Chloroethyl)ether	6.93	93	342734	40.452	ng	98
12) 1,3-Dichlorobenzene	7.36	146	388654	40.675	ng	# 93
13) 1,4-Dichlorobenzene	7.51	146	398222	41.041	ng	96
14) 1,2-Dichlorobenzene	7.82	146	390330	41.730	ng	98
15) Benzyl Alcohol	7.73	79	381155	46.469	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.00	45	248095	32.539	ng	86
17) 2-Methylphenol	7.94	107	294519	41.375	ng	# 93
18) Hexachloroethane	8.52	117	122542	34.456	ng	96
19) n-Nitroso-di-n-propylamine	8.29	70	335391	44.623	ng	96
20) 3+4-Methylphenols	8.27	107	418925	42.000	ng	95
22) Acetophenone	8.30	105	585806	44.216	ng	97
24) Nitrobenzene	8.68	77	486851	49.920	ng	92
25) Isophorone	9.20	82	708191	43.581	ng	97
26) 2-Nitrophenol	9.38	139	163136	34.105	ng	# 84
27) 2,4-Dimethylphenol	9.46	122	278006	40.327	ng	91
28) bis(2-Chloroethoxy)methane	9.68	93	443904	41.908	ng	97
29) 2,4-Dichlorophenol	9.92	162	335267	43.863	ng	97
30) 1,2,4-Trichlorobenzene	10.11	180	384689	44.246	ng	95
31) Naphthalene	10.29	128	1005125	41.058	ng	99
32) Benzoic acid	9.66	122	199265	30.525	ng	# 84
33) 4-Chloroaniline	10.43	127	438551	40.897	ng	95
34) Hexachlorobutadiene	10.56	225	247482	45.007	ng	98
35) Caprolactam	11.26	113	112690	38.692	ng	95
36) 4-Chloro-3-methylphenol	11.58	107	388049	42.251	ng	94
37) 2-Methylnaphthalene	11.92	142	712820	41.289	ng	96
38) 1-Methylnaphthalene	12.14	142	683247	40.558	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	12.29	216	439880	45.032	ng	99

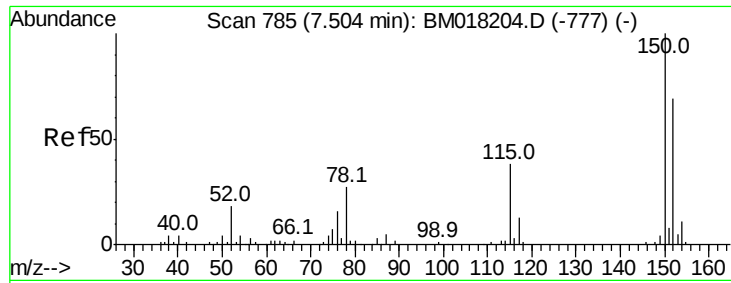
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018380.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	11010	10.404	ng	98
43) 2,4,6-Trichlorophenol	12.56	196	274945	43.763	ng	97
44) 2,4,5-Trichlorophenol	12.65	196	279380	41.888	ng	97
46) 1,1'-Biphenyl	12.96	154	1081042	42.303	ng	98
47) 2-Chloronaphthalene	13.00	162	817418	43.459	ng	98
48) 2-Nitroaniline	13.24	65	296215	51.124	ng	92
49) Acenaphthylene	13.86	152	1175257	41.463	ng	100
50) Dimethylphthalate	13.62	163	951228	40.279	ng	100
51) 2,6-Dinitrotoluene	13.75	165	199310	38.392	ng	87
52) Acenaphthene	14.20	154	714958	41.274	ng	99
53) 3-Nitroaniline	14.09	138	225366	41.251	ng	88
54) 2,4-Dinitrophenol	14.32	184	6872	2.400	ng	94
55) Dibenzofuran	14.55	168	1186464	42.627	ng	97
56) 4-Nitrophenol	14.43	139	152245	36.755	ng	# 76
57) 2,4-Dinitrotoluene	14.55	165	279689	38.976	ng	# 84
58) Fluorene	15.20	166	913753	42.505	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.79	232	220900	36.775	ng	# 94
60) Diethylphthalate	14.99	149	1042285	40.897	ng	98
61) 4-Chlorophenyl-phenylether	15.20	204	538311	44.276	ng	99
62) 4-Nitroaniline	15.26	138	211356	40.771	ng	# 69
63) Azobenzene	15.50	77	1124862	48.406	ng	95
65) 4,6-Dinitro-2-methylphenol	15.33	198	14198	3.361	ng	99
66) n-Nitrosodiphenylamine	15.43	169	843665	44.463	ng	97
67) 4-Bromophenyl-phenylether	16.10	248	313728	45.146	ng	96
68) Hexachlorobenzene	16.21	284	328391	43.135	ng	97
69) Atrazine	16.40	200	233089	36.388	ng	99
70) Pentachlorophenol	16.57	266	218572	43.472	ng	97
71) Phenanthrene	16.95	178	1269980	40.747	ng	99
72) Anthracene	17.04	178	1254288	40.565	ng	98
73) Carbazole	17.33	167	1196081	37.688	ng	99
74) Di-n-butylphthalate	17.89	149	1631533	41.665	ng	100
75) Fluoranthene	18.98	202	1238800	34.186	ng	99
77) Benzidine	19.19	184	472417	39.950	ng	99
78) Pyrene	19.35	202	1252974	45.093	ng	99
80) Butylbenzylphthalate	20.27	149	604193	45.707	ng	88
81) Benzo(a)anthracene	21.12	228	1119166	41.084	ng	99
82) 3,3'-Dichlorobenzidine	21.06	252	465907	42.811	ng	97
83) Chrysene	21.17	228	1062968	40.569	ng	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	918502	46.623	ng	97
85) Di-n-octyl phthalate	21.92	149	1430470	44.336	ng	98
86) Indeno(1,2,3-cd)pyrene	25.43	276	1354188	51.885	ng	97
88) Benzo(b)fluoranthene	22.65	252	1142094	41.120	ng	99
89) Benzo(k)fluoranthene	22.69	252	1091509	39.460	ng	98
90) Benzo(a)pyrene	23.20	252	1077361	40.784	ng	98
91) Dibenzo(a,h)anthracene	25.44	278	1155310	47.213	ng	98
92) Benzo(g,h,i)perylene	26.08	276	1104521	47.750	ng	97

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

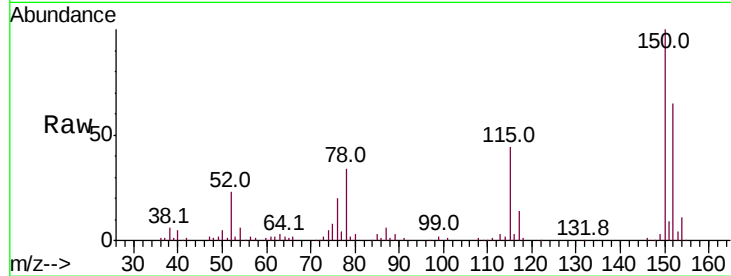


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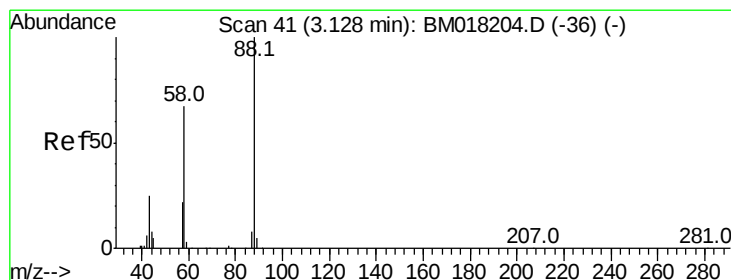
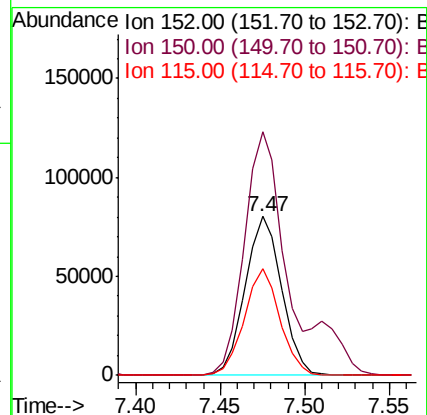
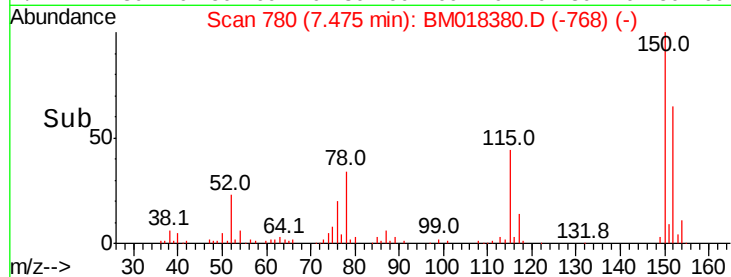
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.47 min Scan# 780
Delta R.T. -0.03 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 120981
Ion Ratio Lower Upper
152 100
150 153.1 116.1 174.1
115 66.7 44.6 67.0



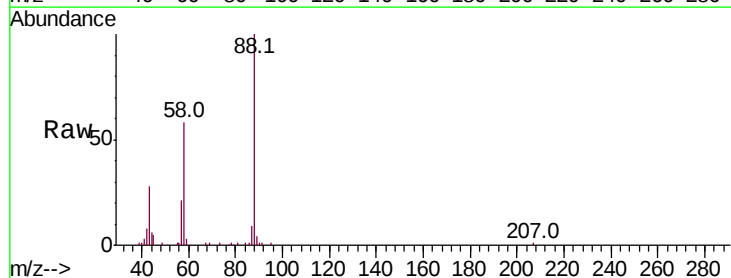
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



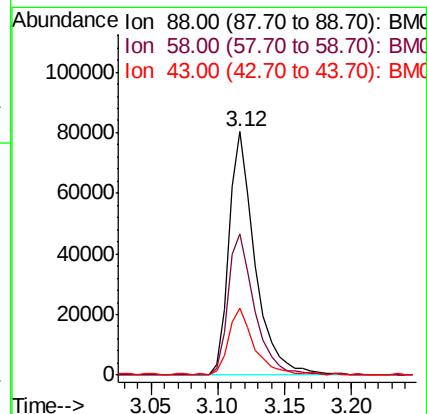
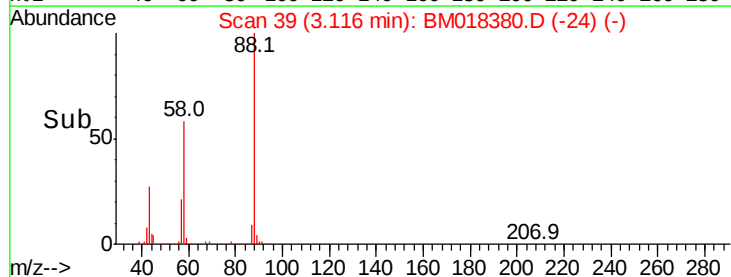
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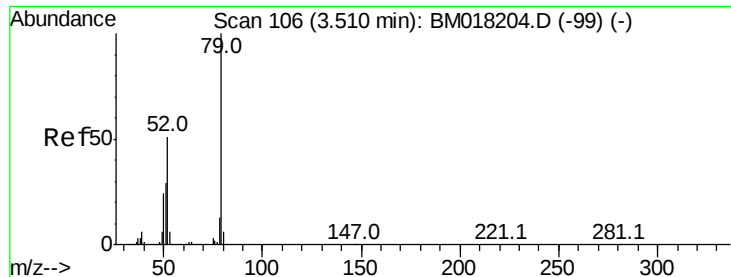
1,4-Dioxane
Concen: 38.523 ng
RT: 3.12 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion: 88 Resp: 110519
Ion Ratio Lower Upper
88 100
58 58.7 49.8 74.6
43 27.9 19.1 28.7



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: 44.975 ng

RT: 3.50 min Scan# 104

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

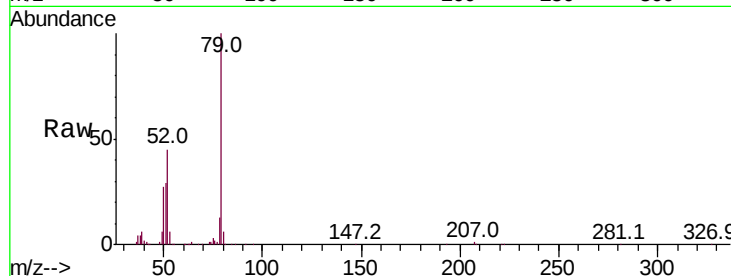
Tot Ion: 79 Resp: 379586

Ion Ratio Lower Upper

79 100

52 44.9 40.7 61.1

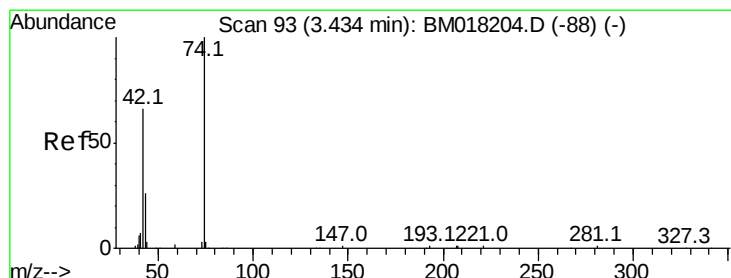
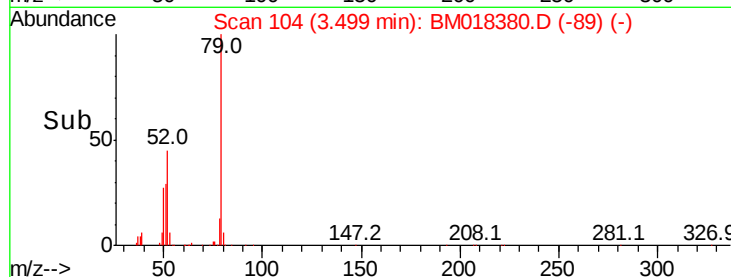
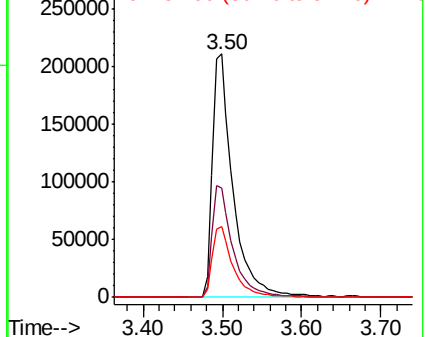
51 29.1 23.0 34.6



Abundance Ion 79.00 (78.70 to 79.70): BM018204.D (-99) (-)

Ion 52.00 (51.70 to 52.70): BM018204.D (-99) (-)

Ion 51.00 (50.70 to 51.70): BM018204.D (-99) (-)



#4

n-Nitrosodimethylamine

Concen: 47.954 ng

RT: 3.42 min Scan# 91

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

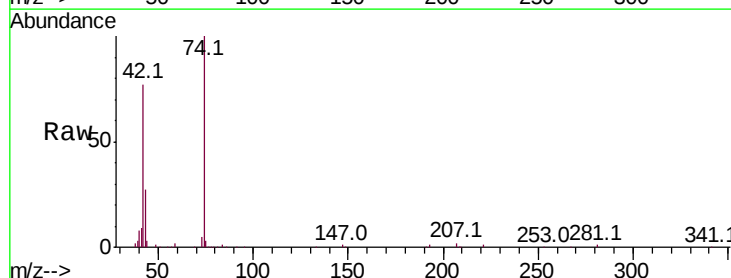
Tgt Ion: 42 Resp: 139307

Ion Ratio Lower Upper

42 100

74 129.9 120.4 180.6

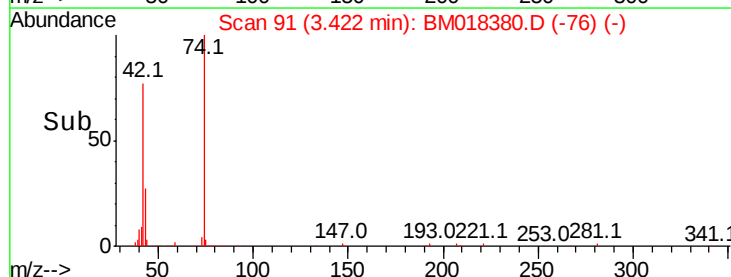
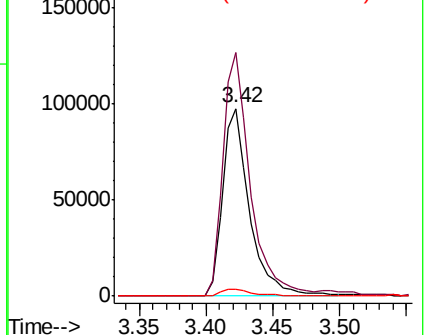
44 4.0 4.6 7.0#

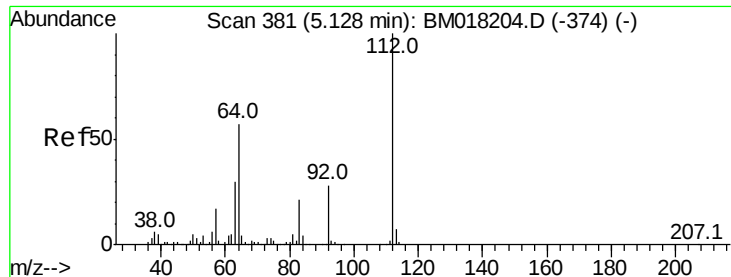


Abundance Ion 42.00 (41.70 to 42.70): BM018204.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM018204.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM018204.D (-88) (-)





#5

2-Fluorophenol

Concen: 84.442 ng

RT: 5.12 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampled :

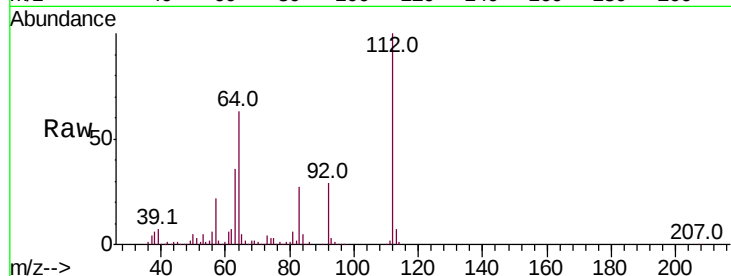
Tot Ion:112 Resp: 611552

Ion Ratio Lower Upper

112 100

64 62.8 45.4 68.2

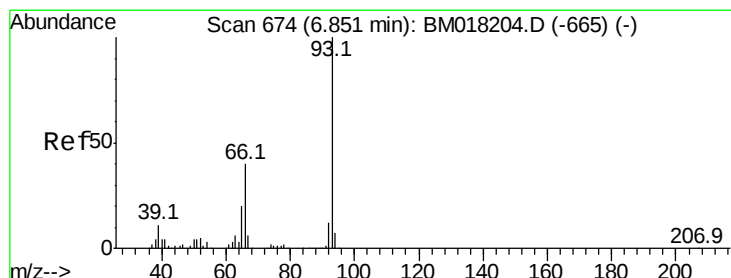
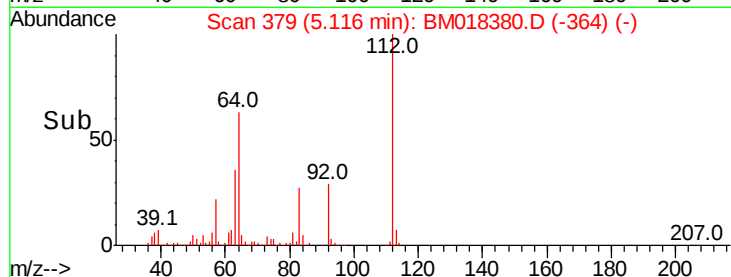
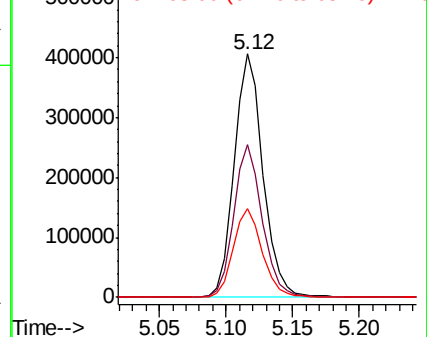
63 36.4 24.0 36.0#



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: 41.525 ng

RT: 6.83 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

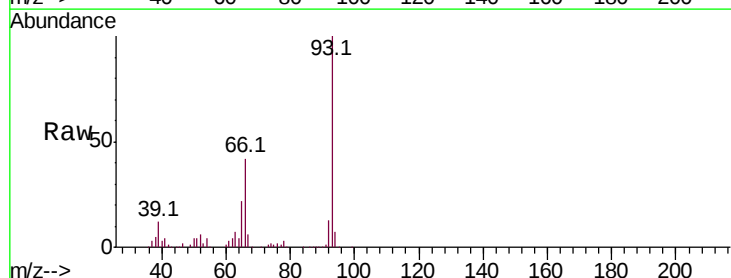
Tgt Ion: 93 Resp: 524365

Ion Ratio Lower Upper

93 100

66 41.5 32.3 48.5

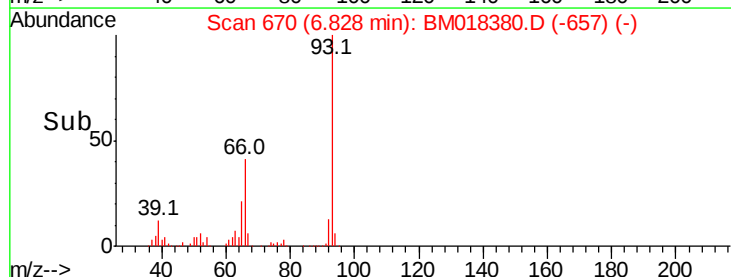
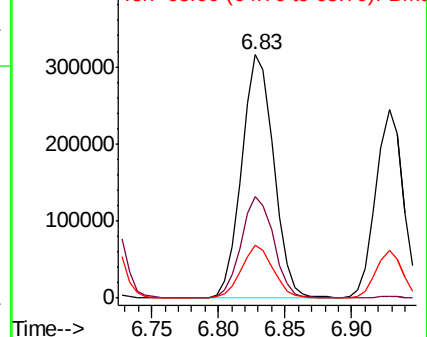
65 21.6 16.2 24.4

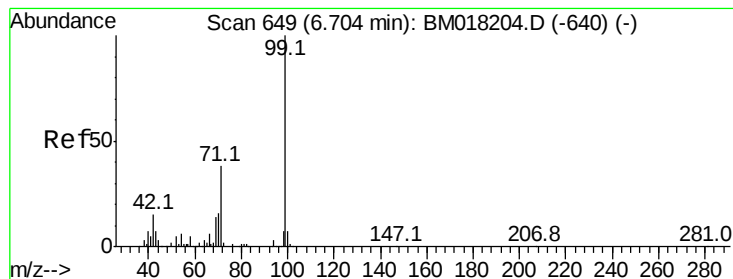


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 85.589 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

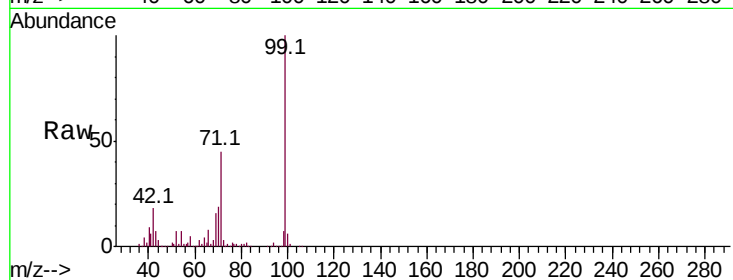
Tot Ion: 99 Resp: 861559

Ion Ratio Lower Upper

99 100

42 17.7 12.3 18.5

71 45.1 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018380.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018380.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018380.D (-632) (-)

600000

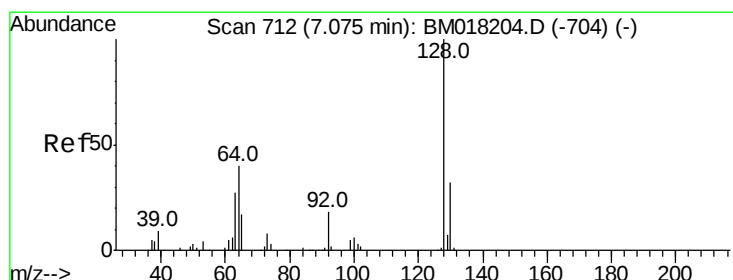
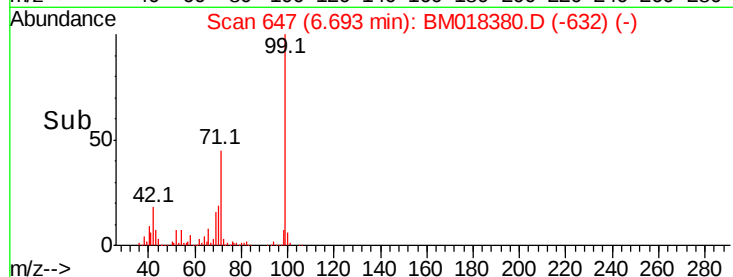
400000

200000

0

6.60 6.65 6.70 6.75

Time-->



#8

2-Chlorophenol

Concen: 40.973 ng

RT: 7.05 min Scan# 708

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

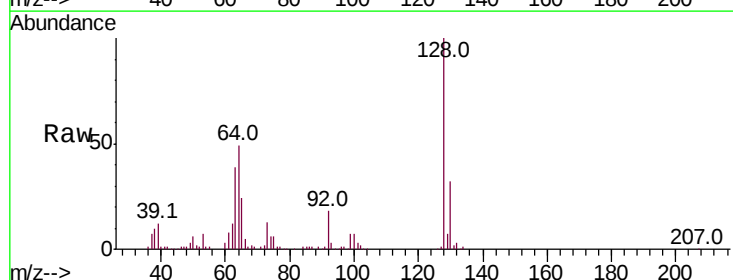
Tgt Ion:128 Resp: 350595

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 49.4 24.1 64.1



Abundance Ion 128.00 (127.70 to 128.70): BM018380.D (-695) (-)

Ion 130.00 (129.70 to 130.70): BM018380.D (-695) (-)

Ion 64.00 (63.70 to 64.70): BM018380.D (-695) (-)

300000

250000

200000

150000

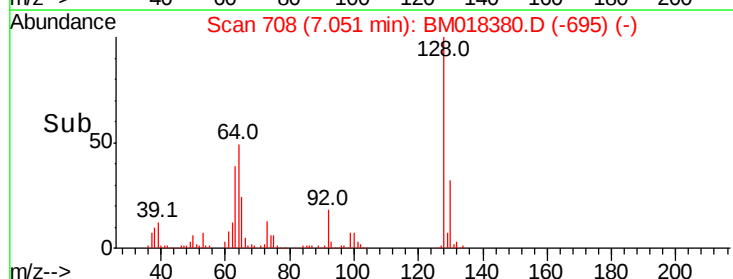
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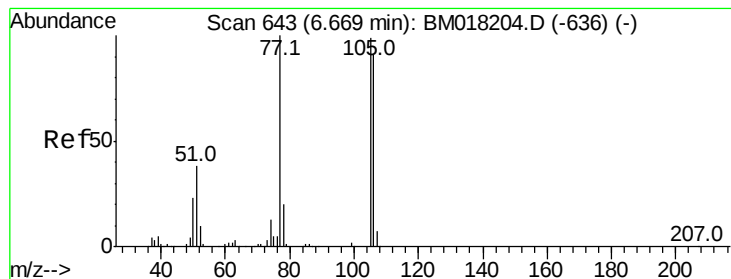
50000

0

6.95 7.00 7.05 7.10 7.15

Time-->





#9

Benzaldehyde

Concen: 45.133 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampled :

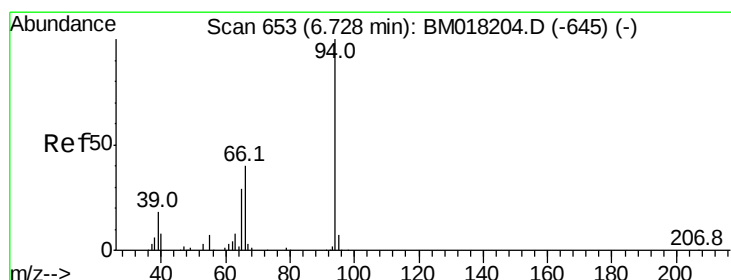
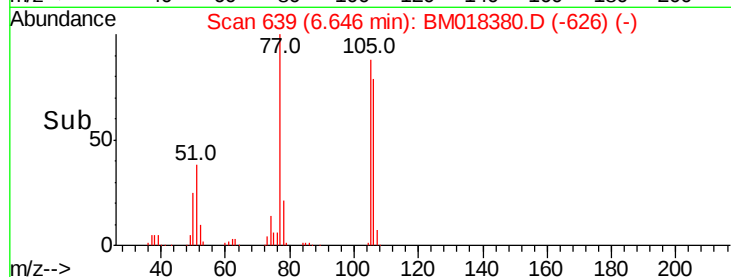
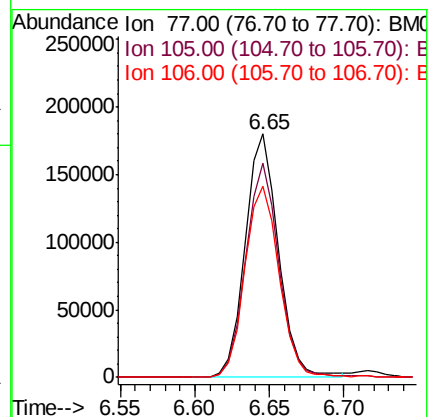
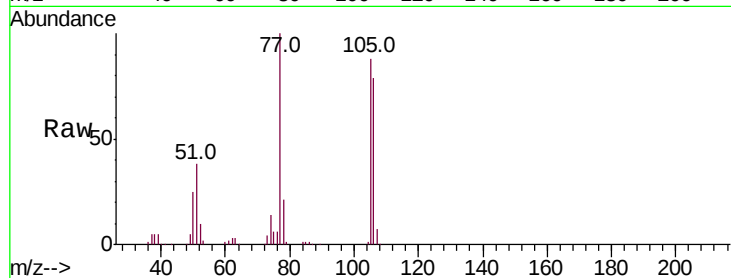
Tot Ion: 77 Resp: 276922

Ion Ratio Lower Upper

77 100

105 88.1 78.8 118.8

106 78.7 70.7 110.7



#10

Phenol

Concen: 42.469 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

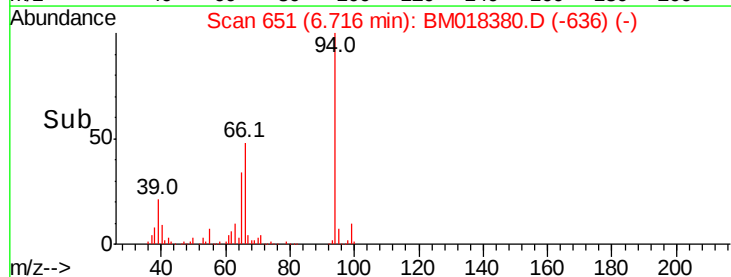
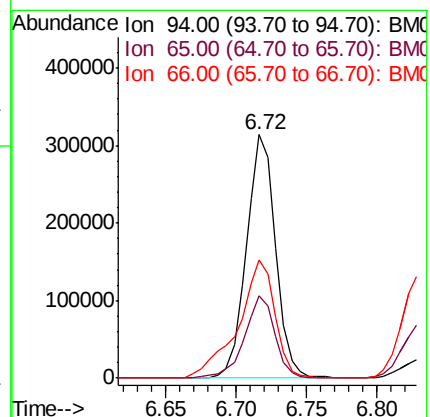
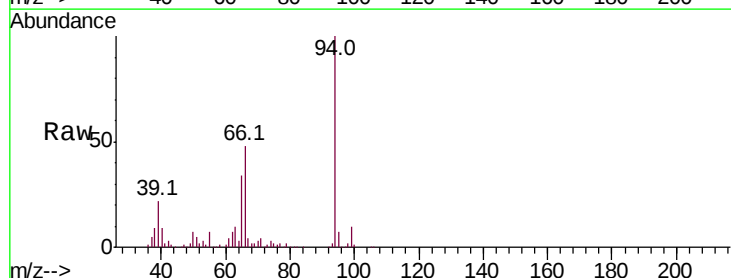
Tgt Ion: 94 Resp: 452743

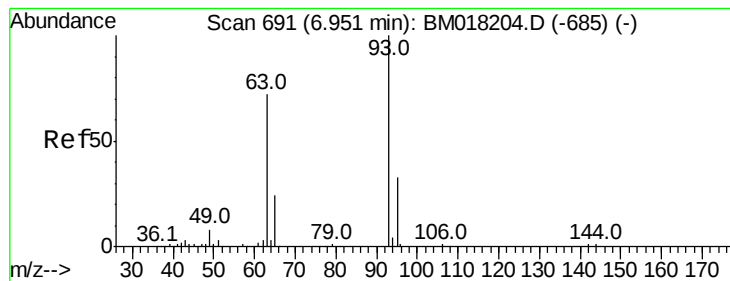
Ion Ratio Lower Upper

94 100

65 33.8 9.5 49.5

66 48.5 21.3 61.3

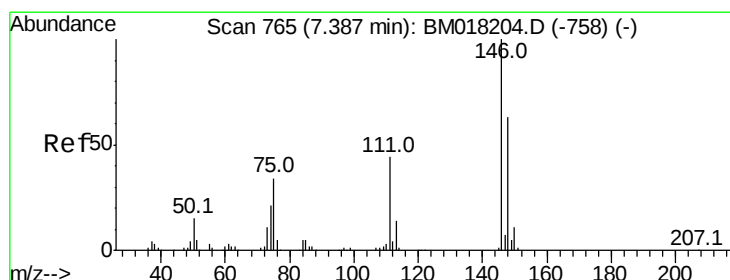
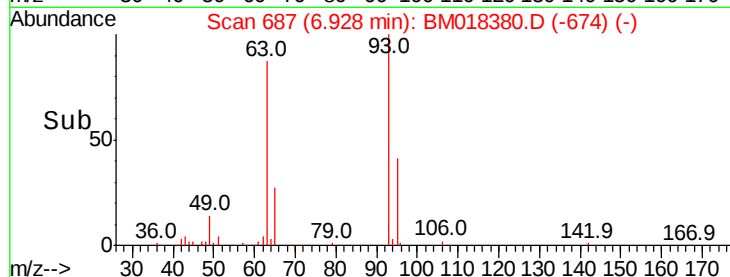
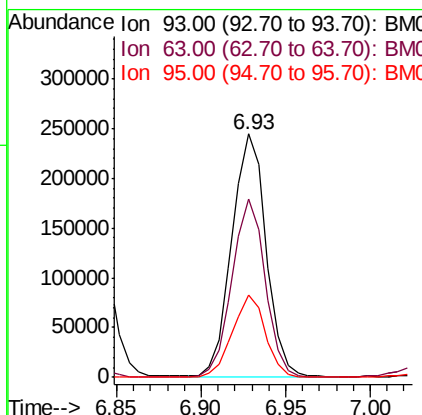
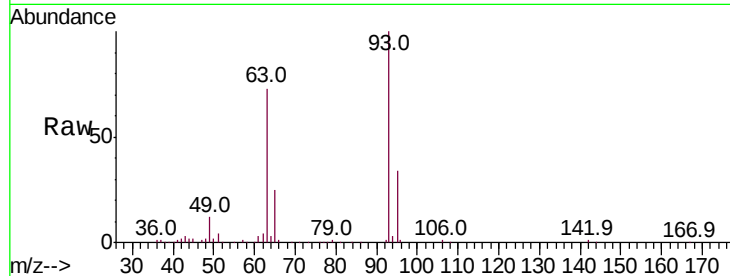




#11
bis(2-Chloroethyl)ether
Concen: 40.452 ng
RT: 6.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

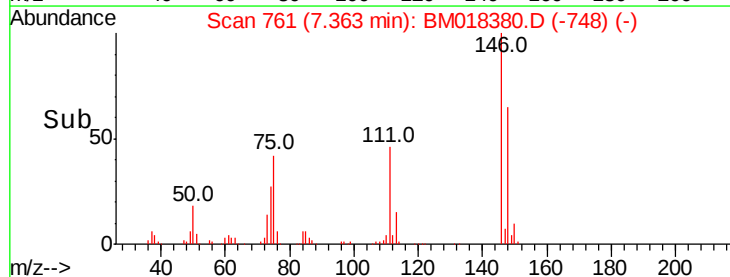
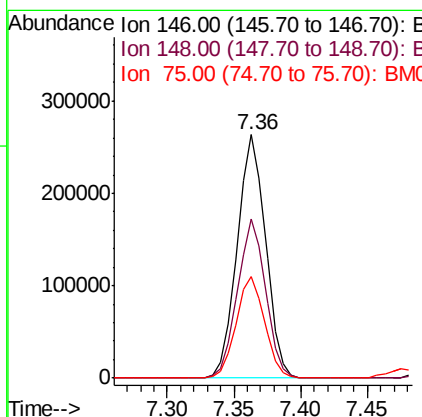
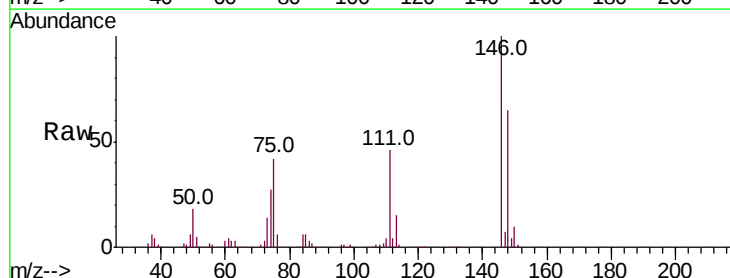
Instrument :
BNA_M
ClientSampleId :

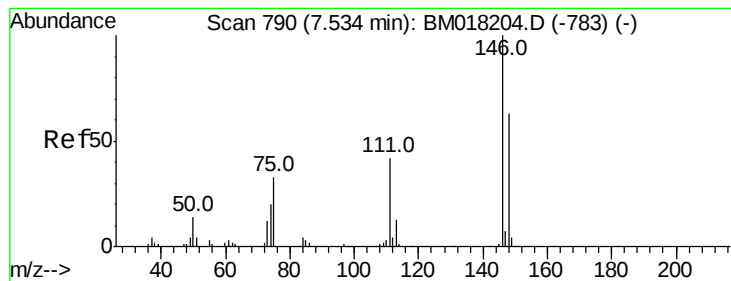
Tot Ion: 93 Resp: 342734
Ion Ratio Lower Upper
93 100
63 73.0 51.7 91.7
95 33.8 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 40.675 ng
RT: 7.36 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion: 146 Resp: 388654
Ion Ratio Lower Upper
146 100
148 65.3 50.6 76.0
75 42.0 27.0 40.4#





#13

1,4-Dichlorobenzene

Concen: 41.041 ng

RT: 7.51 min Scan# 786

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

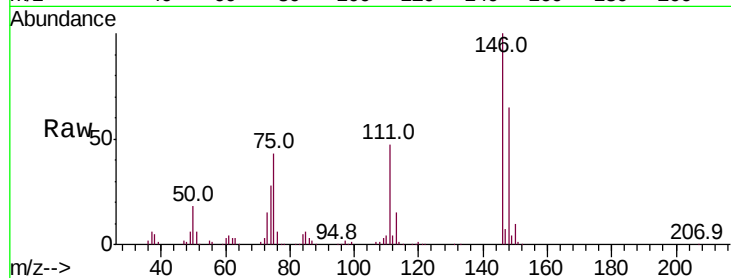
Tot Ion:146 Resp: 398222

Ion Ratio Lower Upper

146 100

148 65.4 50.7 76.1

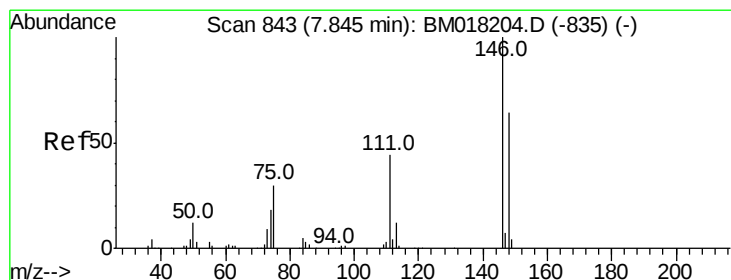
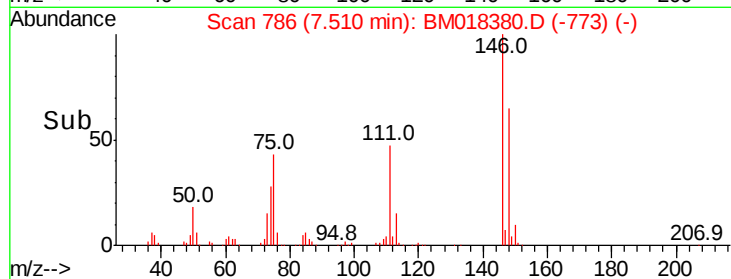
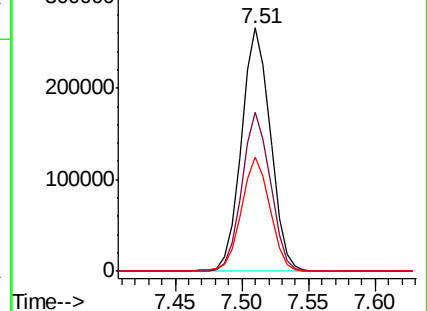
111 47.2 34.2 51.2



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: 41.730 ng

RT: 7.82 min Scan# 839

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

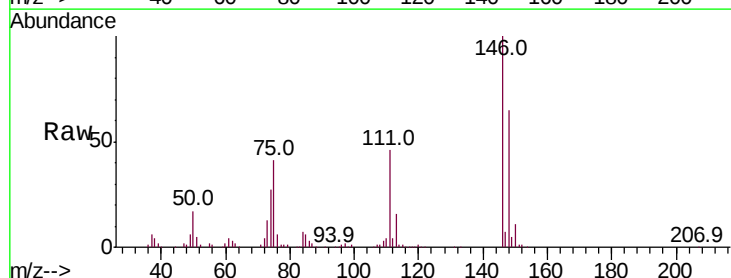
Tgt Ion:146 Resp: 390330

Ion Ratio Lower Upper

146 100

148 65.0 51.3 76.9

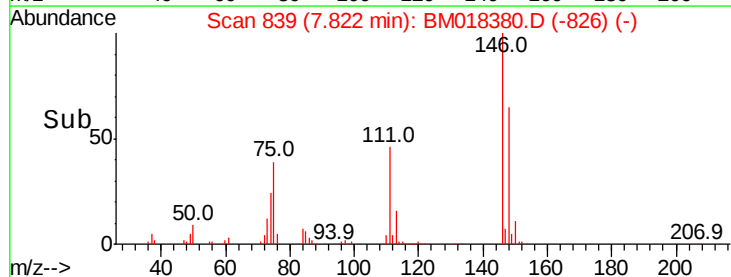
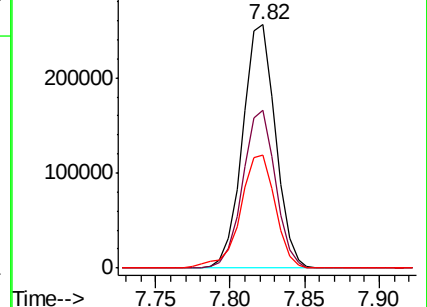
111 46.2 35.8 53.8

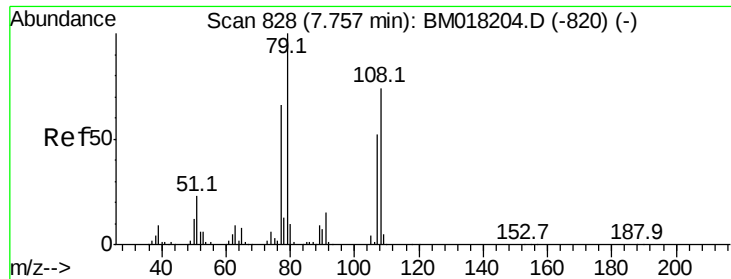


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

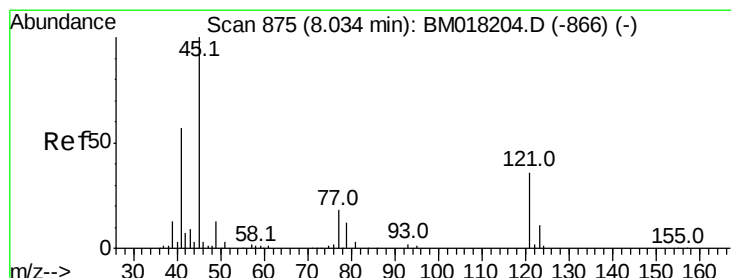
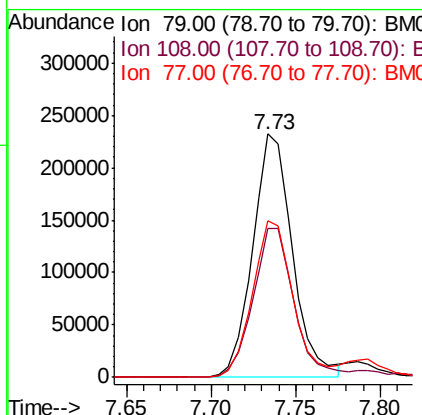
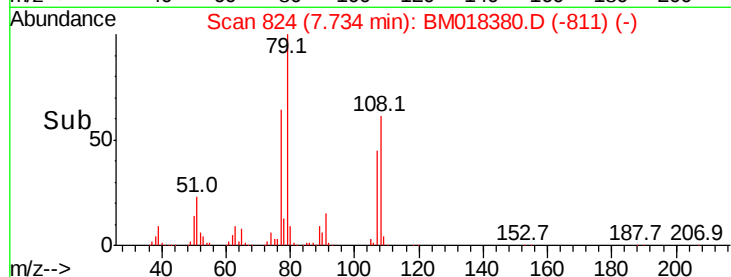
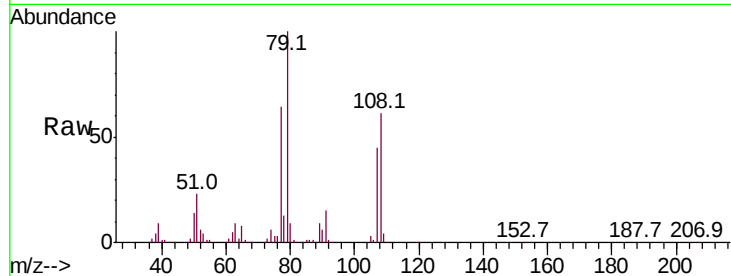




#15
Benzyl Alcohol
Concen: 46.469 ng
RT: 7.73 min Scan# 824
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

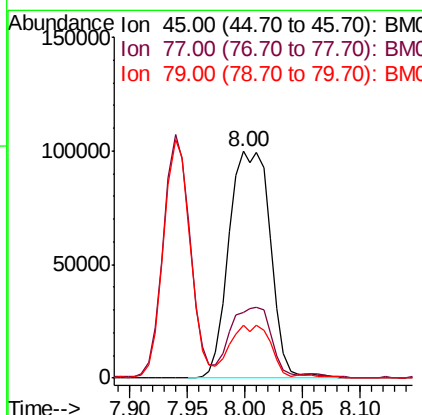
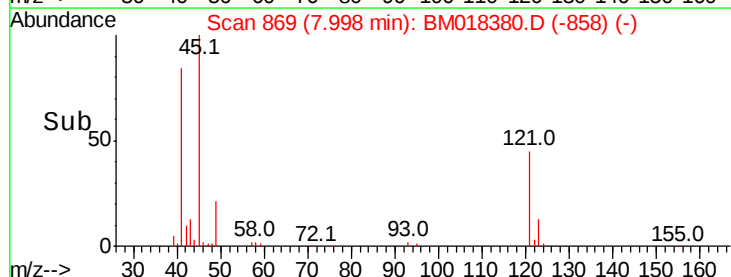
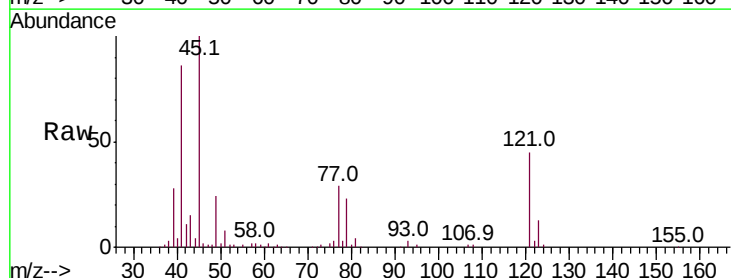
Instrument :
BNA_M
ClientSampleId :

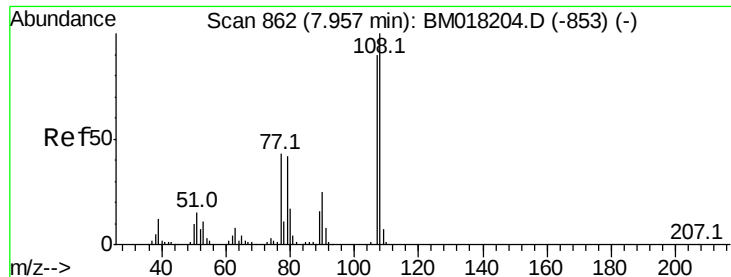
Tot Ion: 79 Resp: 381155
Ion Ratio Lower Upper
79 100
108 61.4 59.3 88.9
77 64.4 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.539 ng
RT: 8.00 min Scan# 869
Delta R.T. -0.04 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion: 45 Resp: 248095
Ion Ratio Lower Upper
45 100
77 28.9 2.5 42.5
79 23.4 0.0 37.2





#17

2-Methylphenol

Concen: 41.375 ng

RT: 7.94 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 294519

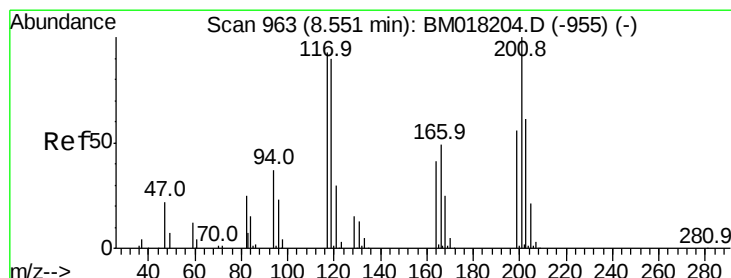
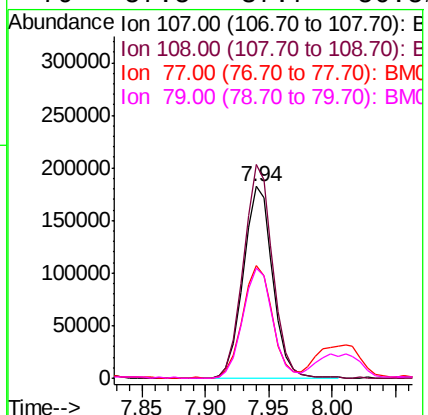
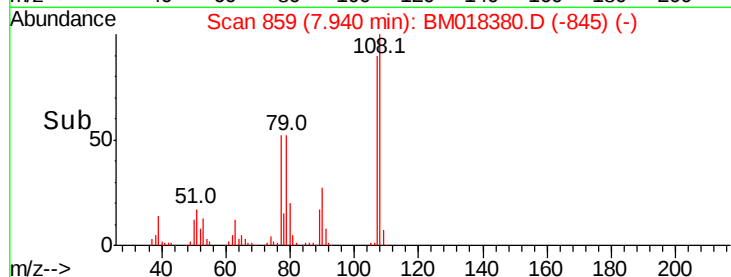
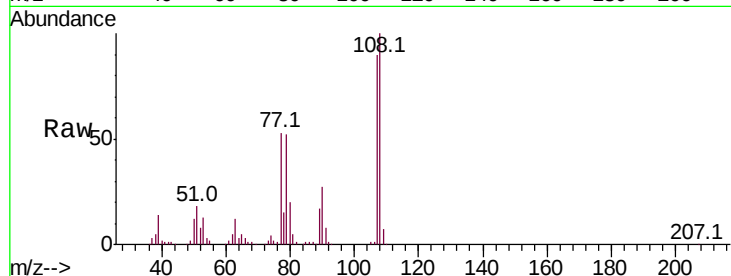
Ion Ratio Lower Upper

107 100

108 111.3 89.3 133.9

77 58.8 38.2 57.4#

79 57.5 37.7 56.5#



#18

Hexachloroethane

Concen: 34.456 ng

RT: 8.52 min Scan# 958

Delta R.T. -0.03 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

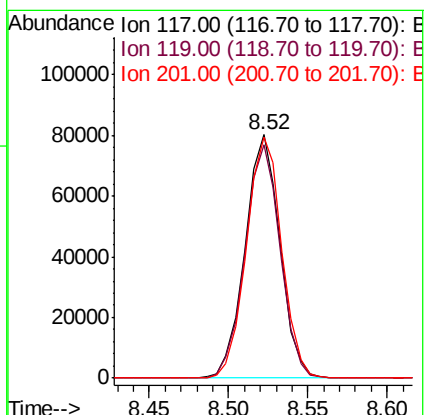
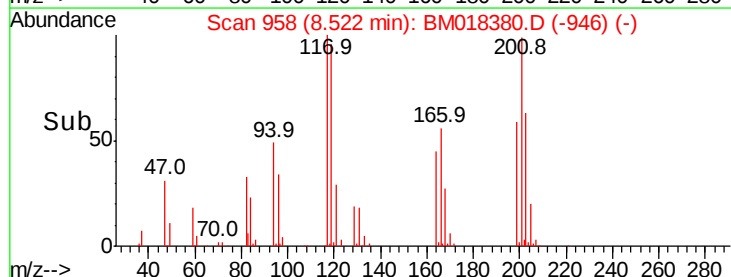
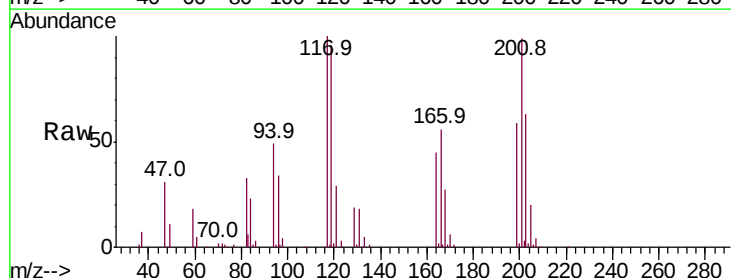
Tgt Ion:117 Resp: 122542

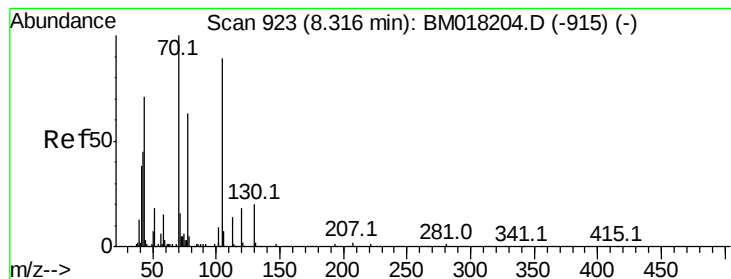
Ion Ratio Lower Upper

117 100

119 95.8 77.0 115.4

201 98.9 85.7 128.5





#19

n-Nitroso-di-n-propylamine

Concen: 44.623 ng

RT: 8.29 min Scan# 919

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 335391

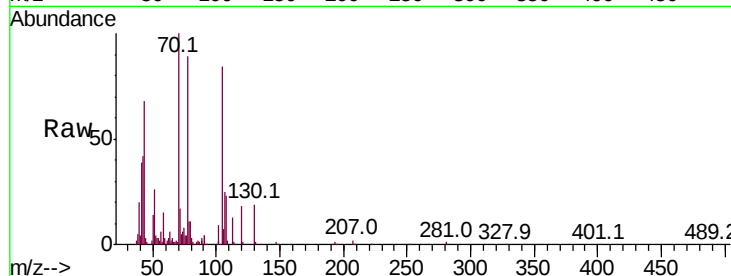
Ion Ratio Lower Upper

70 100

42 42.2 36.2 54.2

101 8.8 7.5 11.3

130 18.7 16.4 24.6

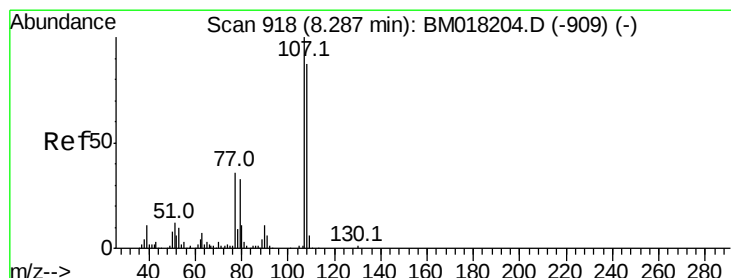
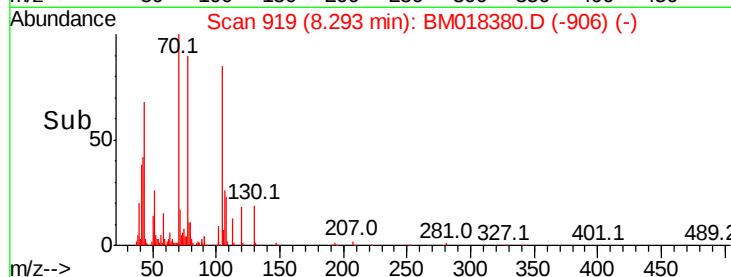
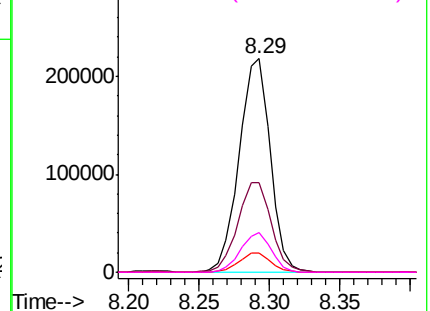


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.000 ng

RT: 8.27 min Scan# 916

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Tgt Ion:107 Resp: 418925

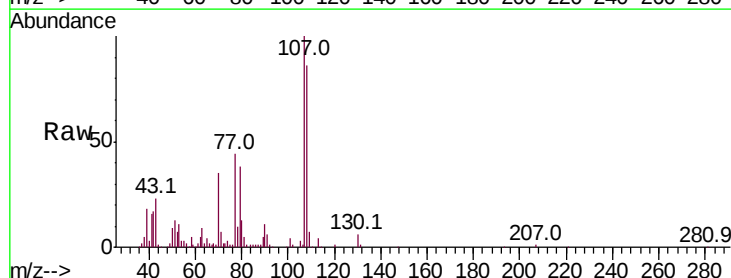
Ion Ratio Lower Upper

107 100

108 86.4 67.4 107.4

77 43.5 15.7 55.7

79 37.9 13.3 53.3

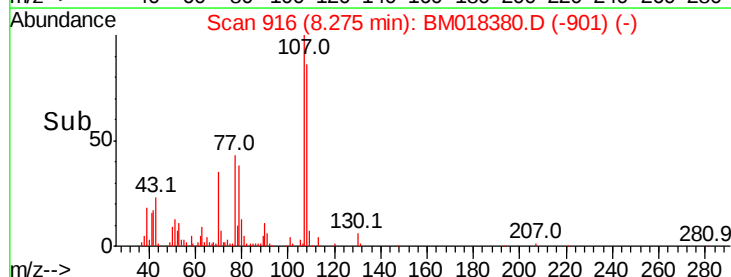
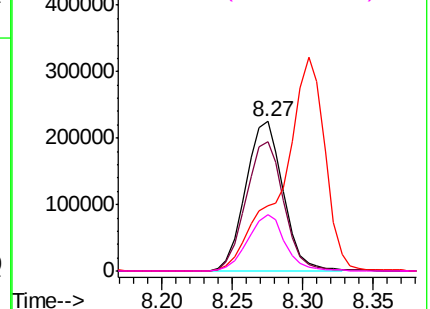


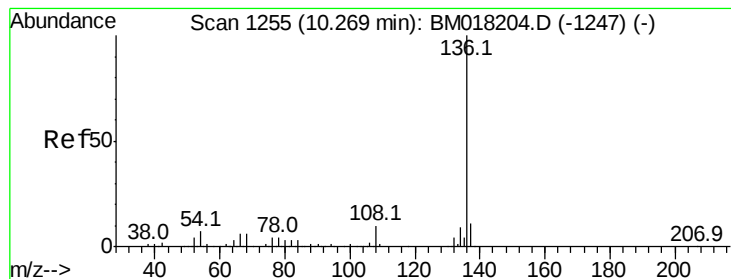
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.24 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 500646

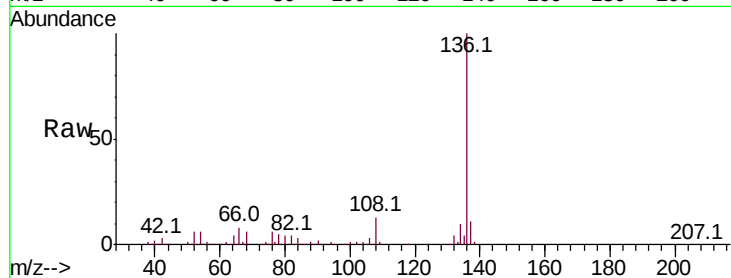
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 6.2 5.2 7.8

68 5.5 5.0 7.6

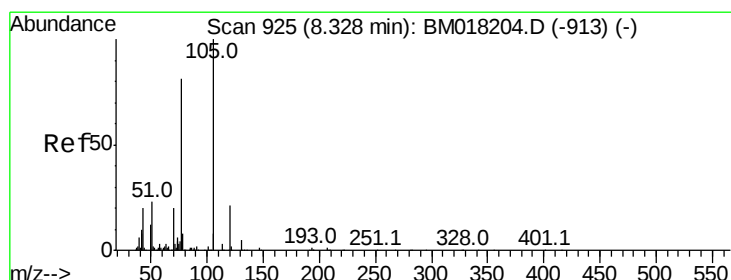
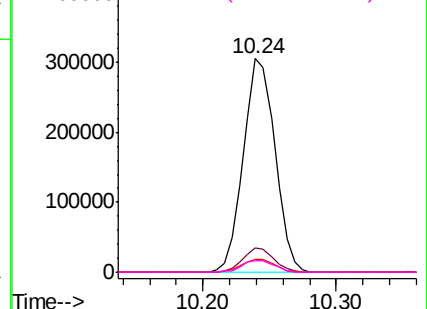
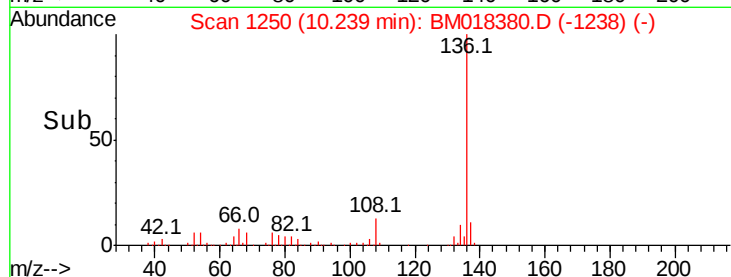


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 44.216 ng

RT: 8.30 min Scan# 921

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Tgt Ion:105 Resp: 585806

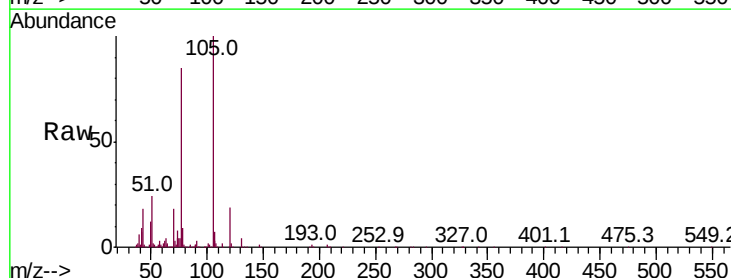
Ion Ratio Lower Upper

105 100

71 2.9 2.6 4.0

51 24.3 18.3 27.5

120 19.5 17.0 25.6

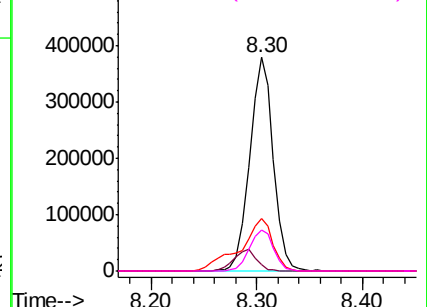
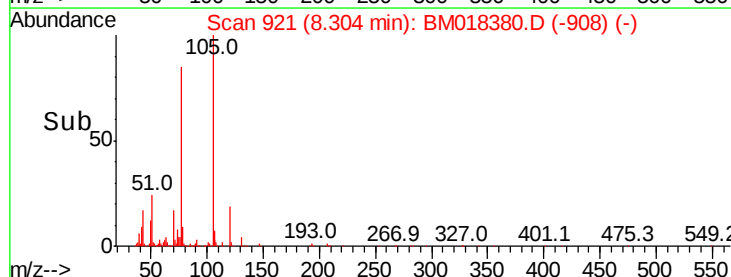


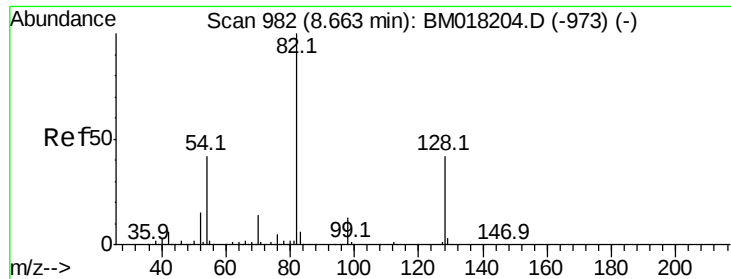
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

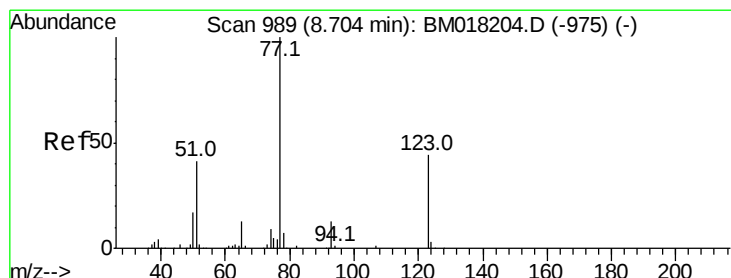
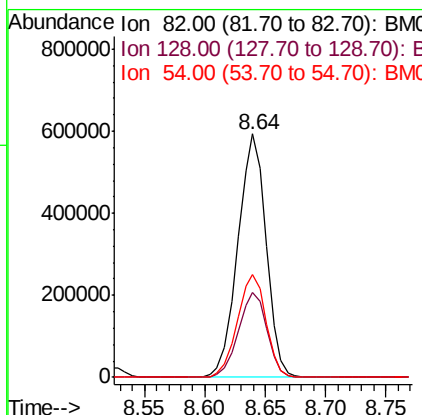
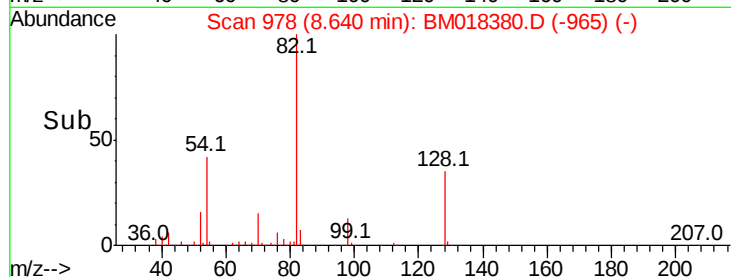
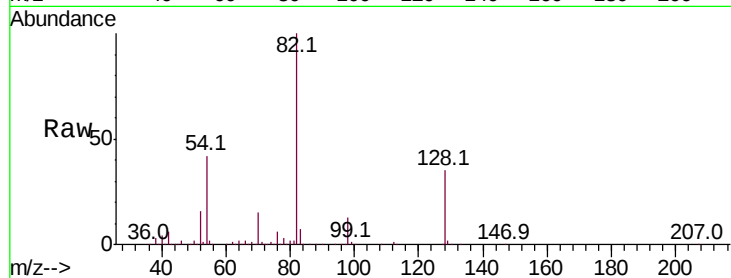




#23
Nitrobenzene-d5
Concen: 99.387 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

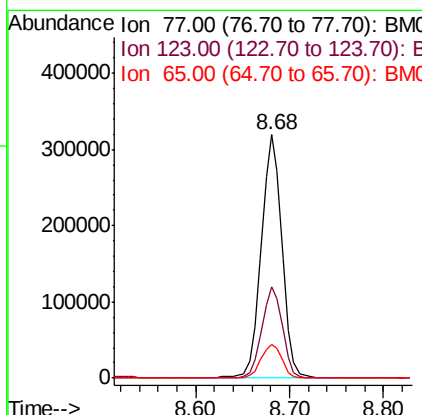
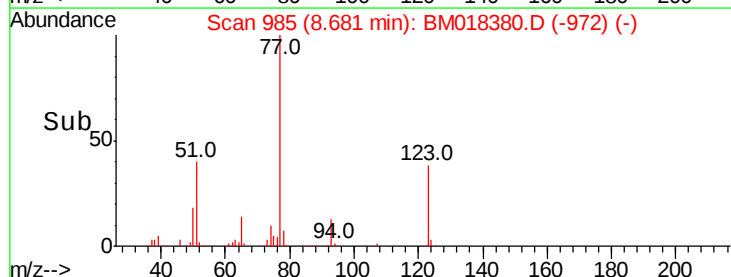
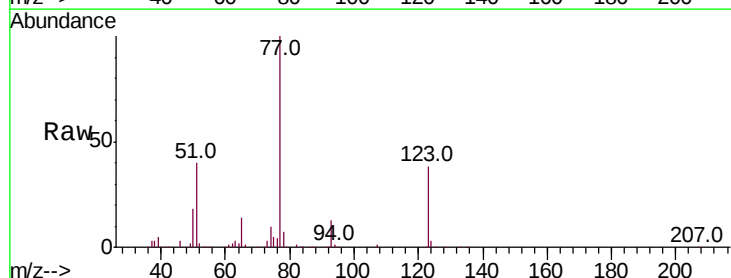
Instrument :
BNA_M
ClientSampleId :

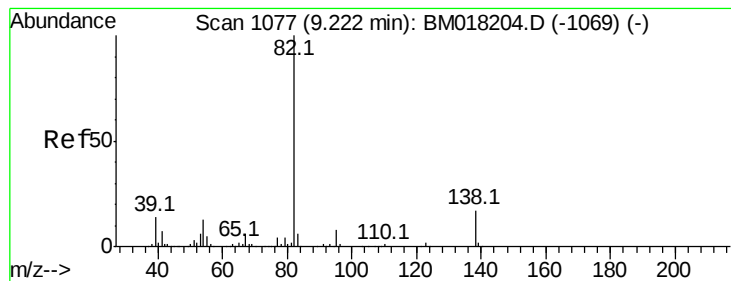
Tot Ion: 82 Resp: 970054
Ion Ratio Lower Upper
82 100
128 35.1 33.4 50.2
54 42.1 33.4 50.2



#24
Nitrobenzene
Concen: 49.920 ng
RT: 8.68 min Scan# 985
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion: 77 Resp: 486851
Ion Ratio Lower Upper
77 100
123 37.6 35.4 53.2
65 13.9 10.6 15.8





#25

Isophorone

Concen: 43.581 ng

RT: 9.20 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

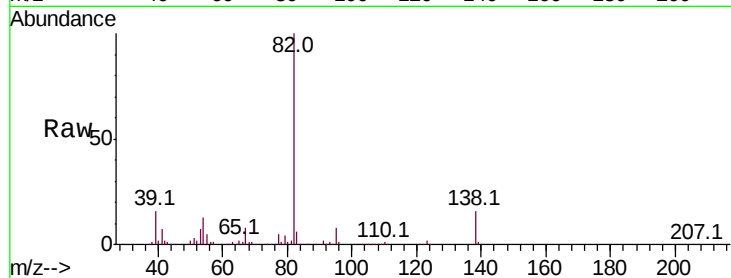
Tot Ion: 82 Resp: 708191

Ion Ratio Lower Upper

82 100

95 8.2 6.4 9.6

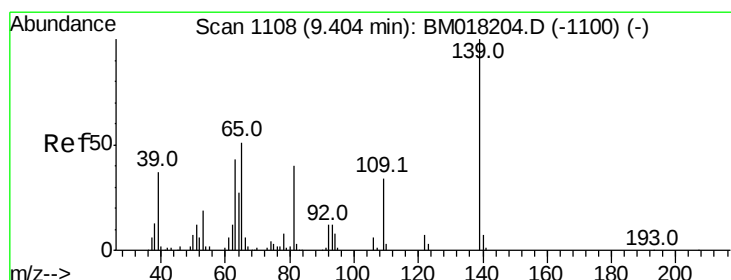
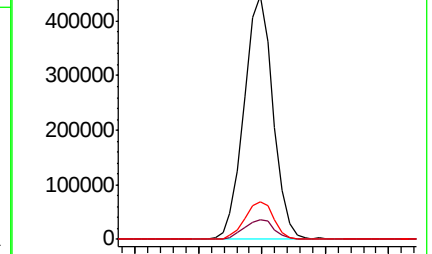
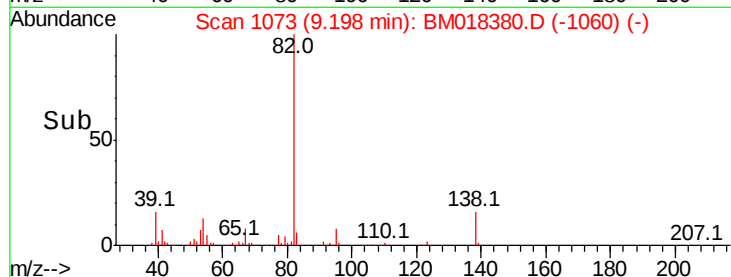
138 15.6 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BM018380.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BM018380.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BM018380.D (-1069) (-)



#26

2-Nitrophenol

Concen: 34.105 ng

RT: 9.38 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

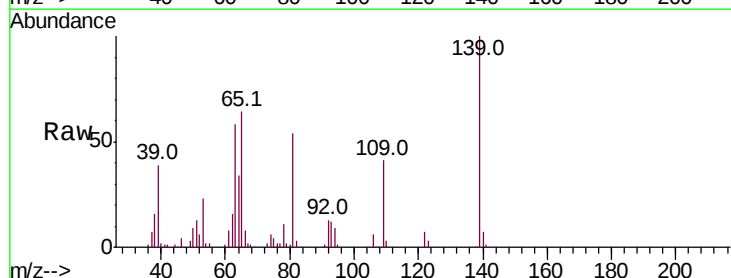
Tgt Ion: 139 Resp: 163136

Ion Ratio Lower Upper

139 100

109 41.2 27.4 41.0#

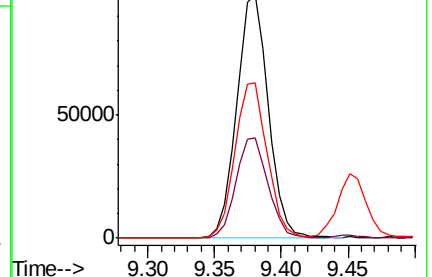
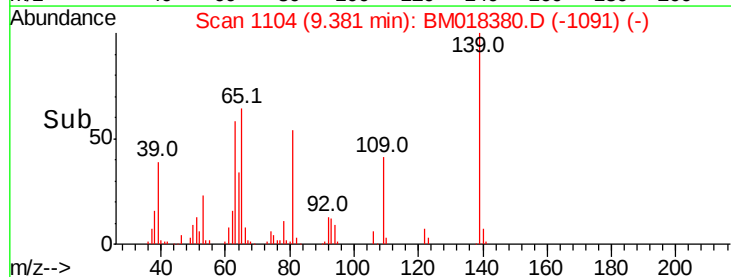
65 63.7 41.0 61.4#

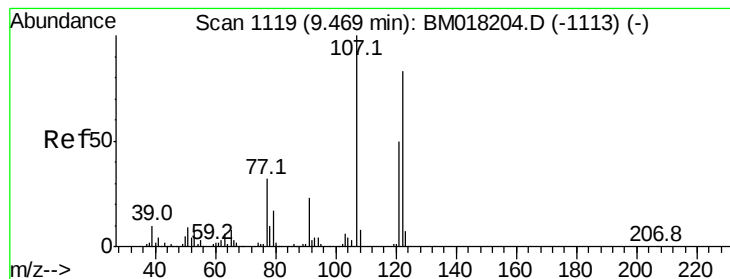


Abundance Ion 139.00 (138.70 to 139.70): BM018380.D (-1091) (-)

Ion 109.00 (108.70 to 109.70): BM018380.D (-1091) (-)

Ion 65.00 (64.70 to 65.70): BM018380.D (-1091) (-)

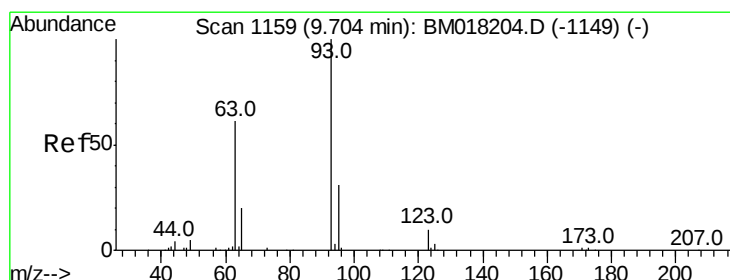
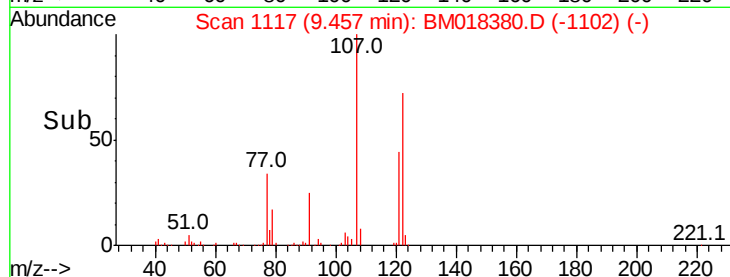
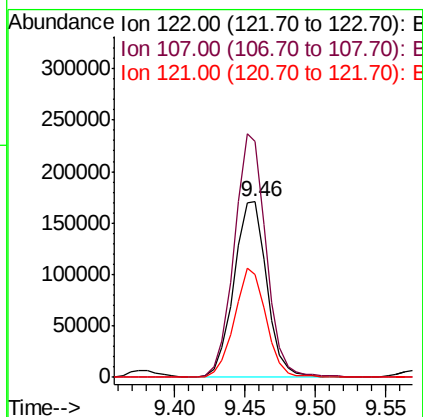
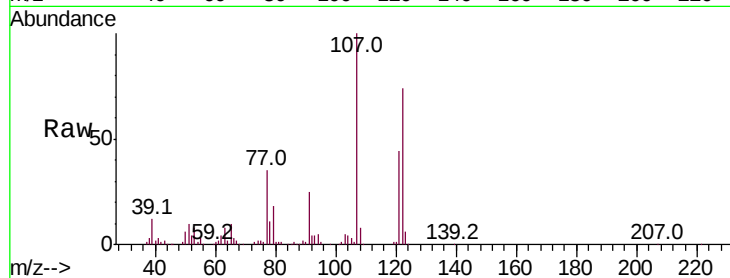




#27
 2,4-Dimethylphenol
 Concen: 40.327 ng
 RT: 9.46 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BM018380.D
 Acq: 22 Dec 2018 12:31

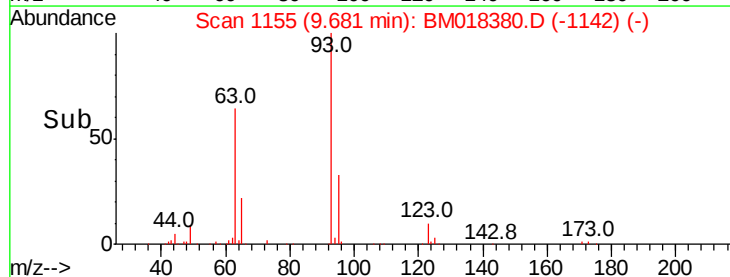
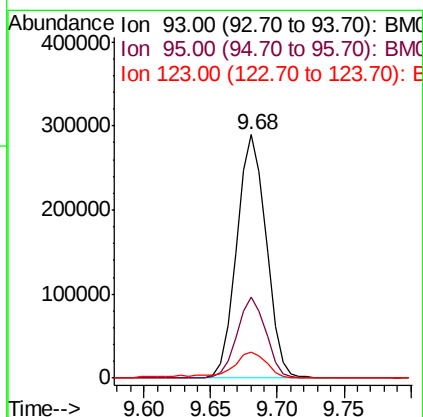
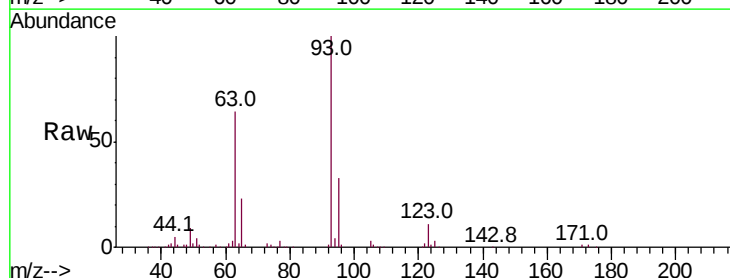
Instrument :
 BNA_M
 ClientSampleId :

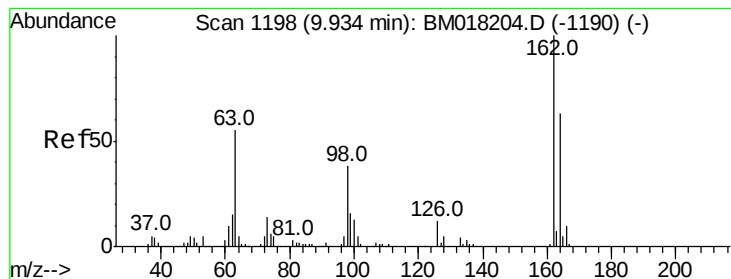
Tot Ion	Ratio	Lower	Upper
122	100		
107	134.5	96.5	144.7
121	58.6	48.2	72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.908 ng
 RT: 9.68 min Scan# 1155
 Delta R.T. -0.02 min
 Lab File: BM018380.D
 Acq: 22 Dec 2018 12:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.3	37.9
123	10.6	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 43.863 ng

RT: 9.92 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampled :

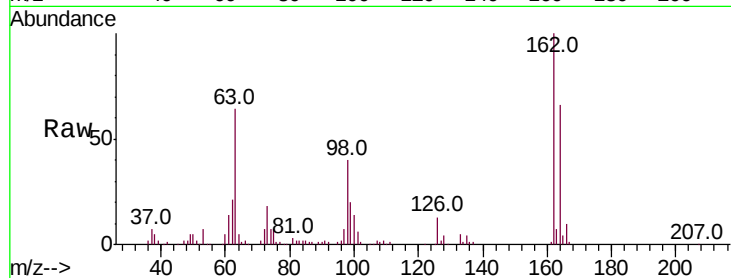
Tot Ion:162 Resp: 335267

Ion Ratio Lower Upper

162 100

164 65.8 43.0 83.0

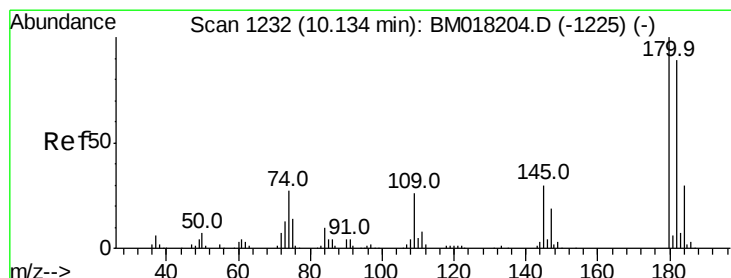
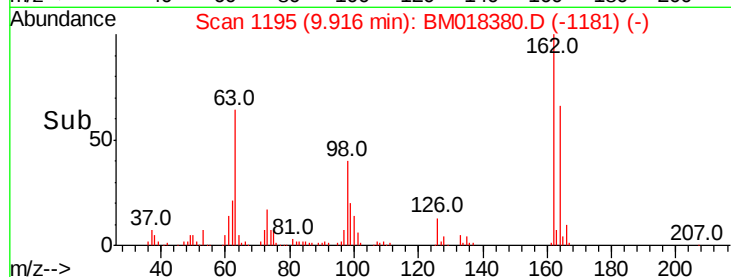
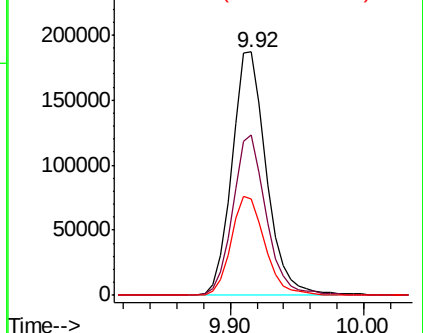
98 39.8 18.3 58.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 44.246 ng

RT: 10.11 min Scan# 1228

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

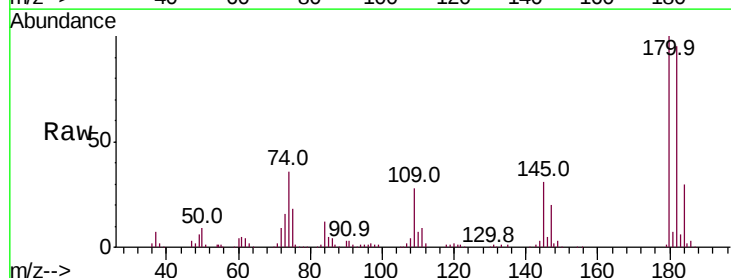
Tgt Ion:180 Resp: 384689

Ion Ratio Lower Upper

180 100

182 95.2 71.4 107.2

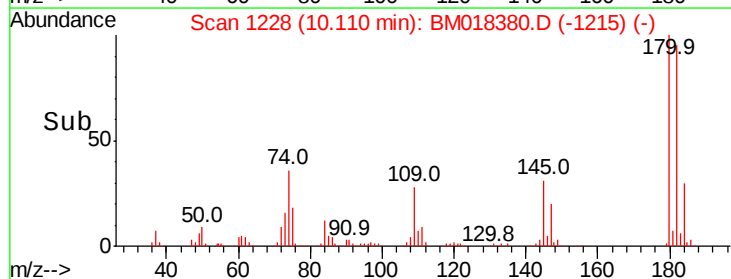
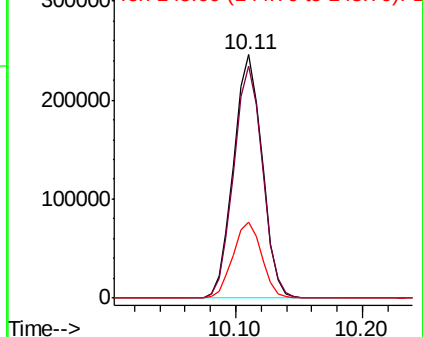
145 31.1 24.4 36.6

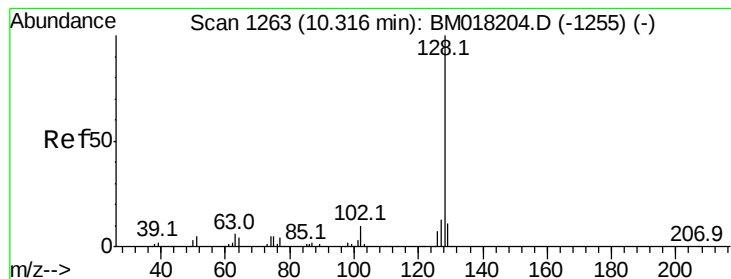


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.058 ng

RT: 10.29 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

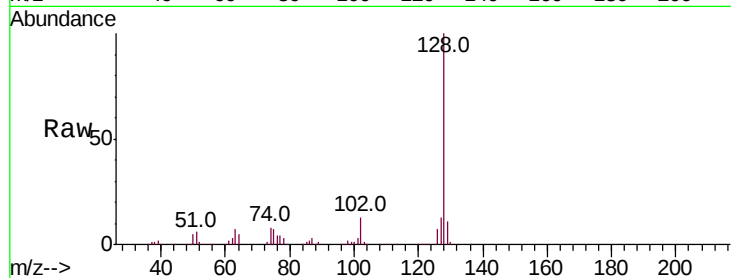
Tot Ion:128 Resp: 1005125

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

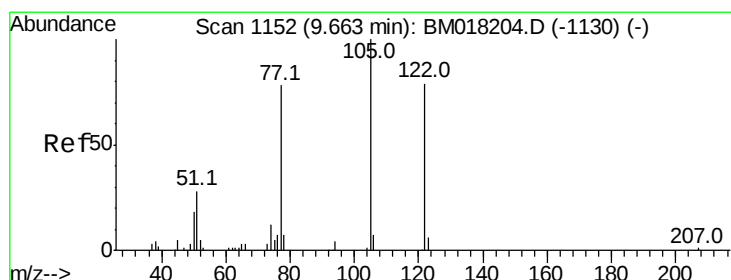
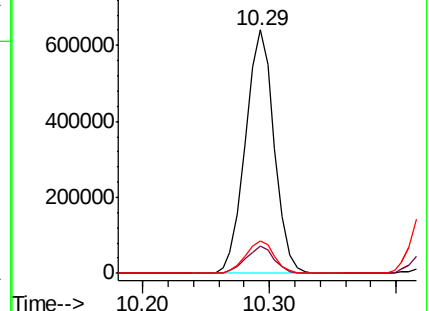
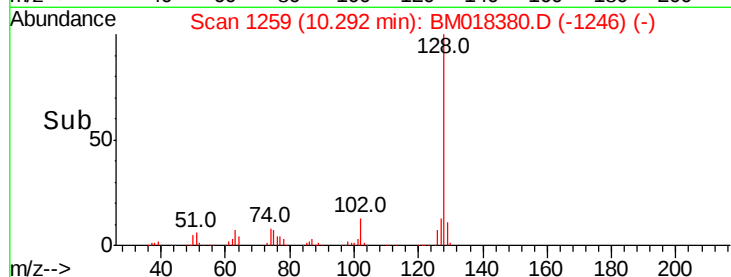
127 13.4 10.4 15.6



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: 30.525 ng

RT: 9.66 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

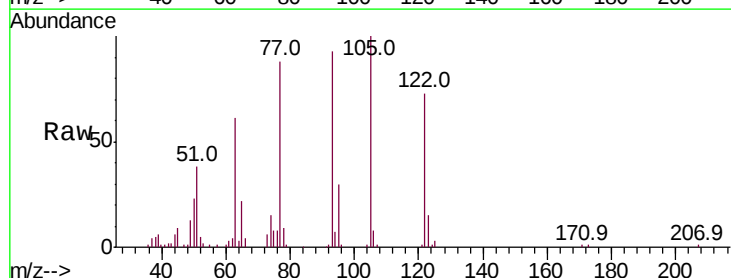
Tgt Ion:122 Resp: 199265

Ion Ratio Lower Upper

122 100

105 136.2 104.8 144.8

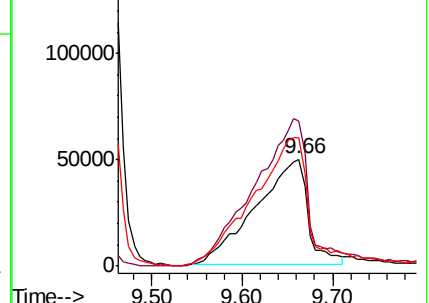
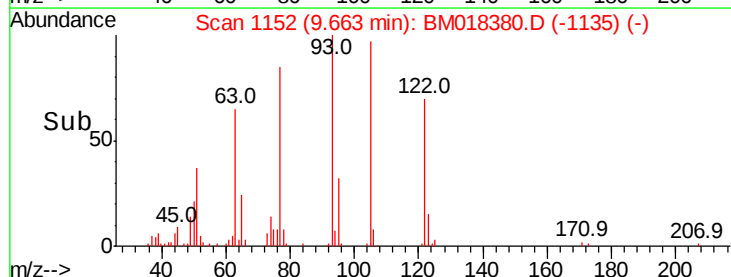
77 120.5 77.7 117.7#

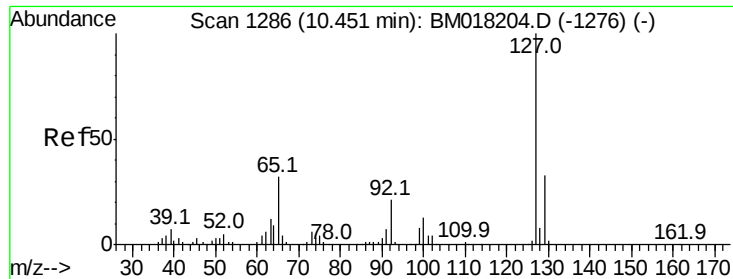


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

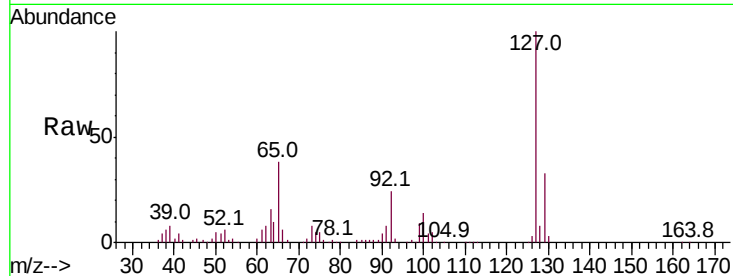




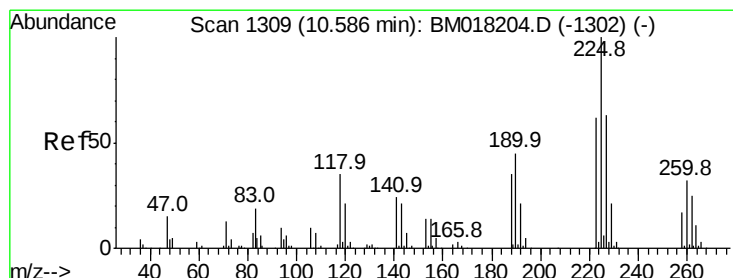
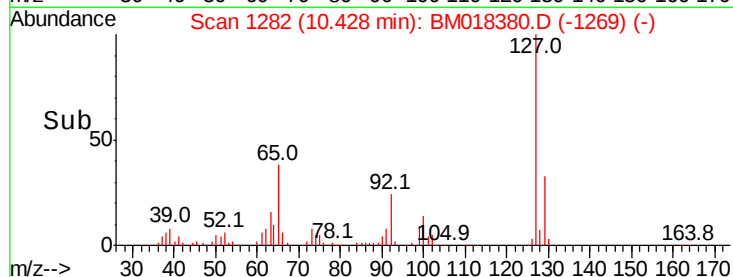
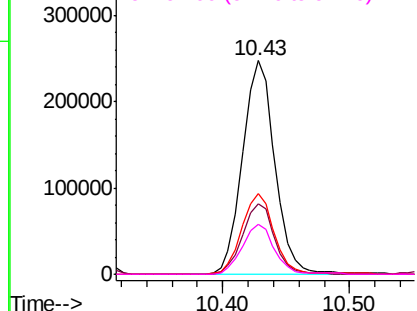
#33
4-Chloroaniline
Concen: 40.897 ng
RT: 10.43 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	438551
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	37.7	25.6	38.4
92	23.5	17.0	25.6

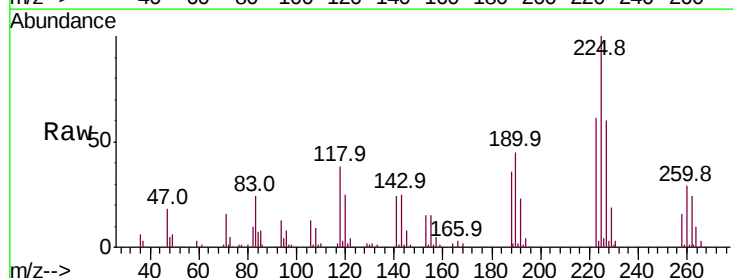


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

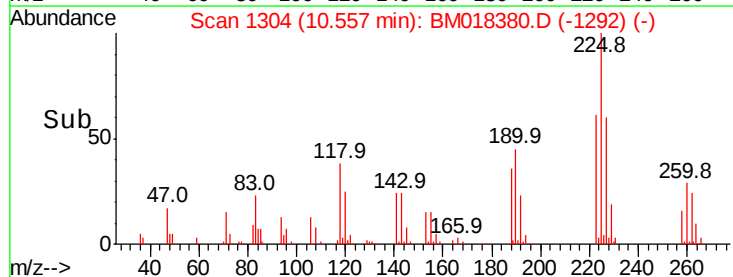
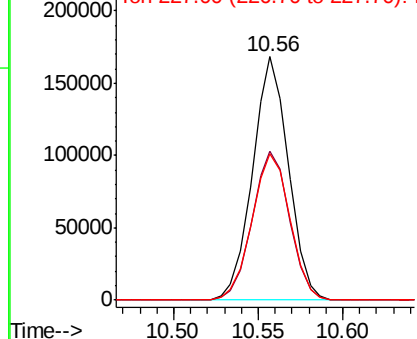


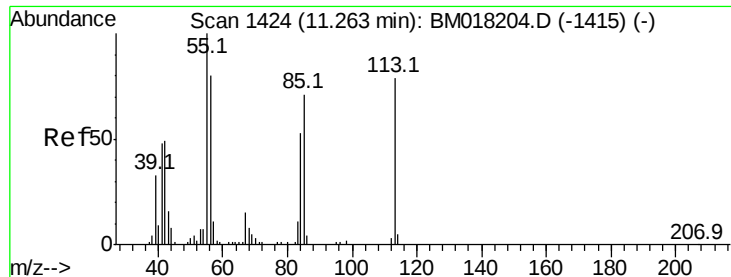
#34
Hexachlorobutadiene
Concen: 45.007 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion:	225	Resp:	247482
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.8	74.6
227	60.3	50.2	75.4



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

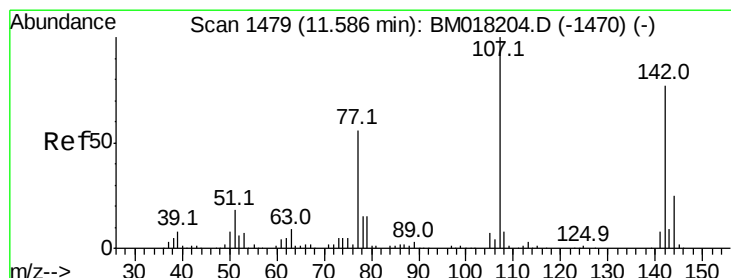
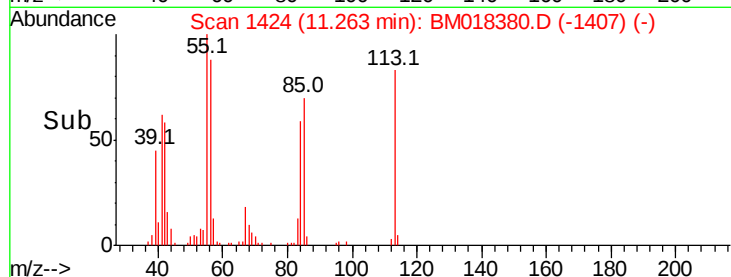
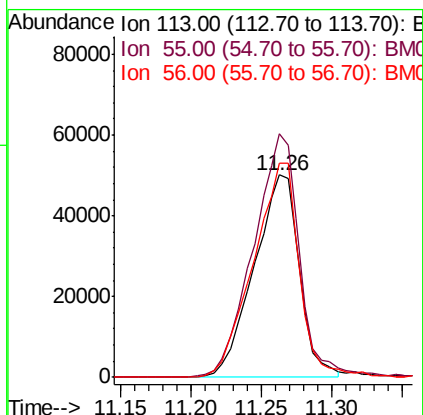
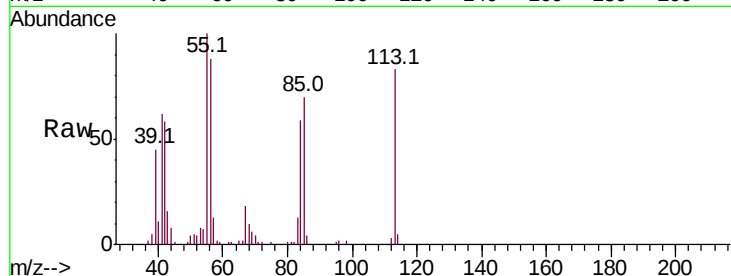




#35
Caprolactam
Concen: 38.692 ng
RT: 11.26 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

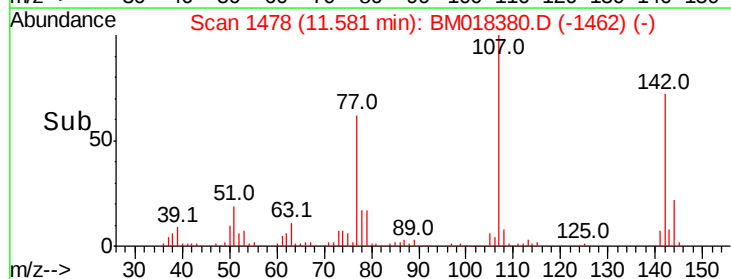
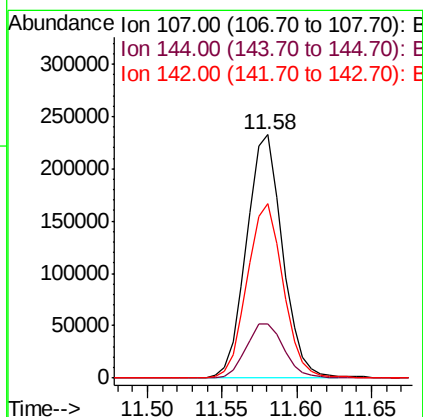
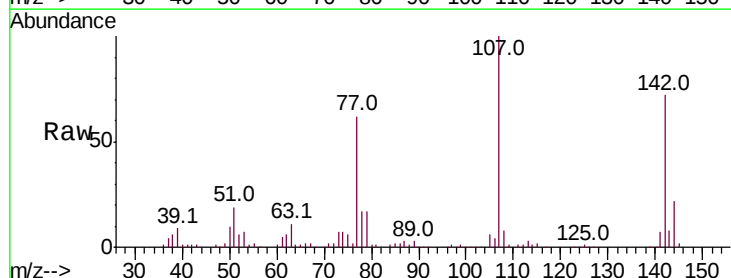
Instrument :
BNA_M
ClientSampleId :

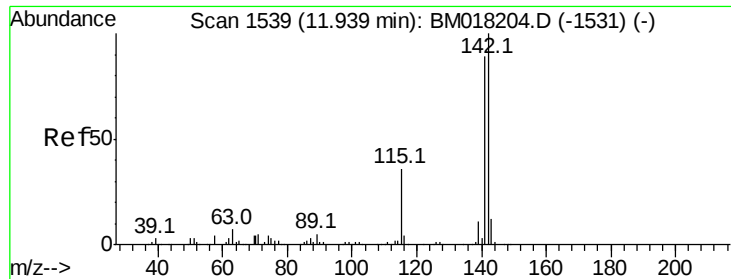
Tot Ion:113 Resp: 112690
Ion Ratio Lower Upper
113 100
55 120.3 105.9 145.9
56 105.8 80.1 120.1



#36
4-Chloro-3-methylphenol
Concen: 42.251 ng
RT: 11.58 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion:107 Resp: 388049
Ion Ratio Lower Upper
107 100
144 22.4 20.1 30.1
142 71.6 61.7 92.5

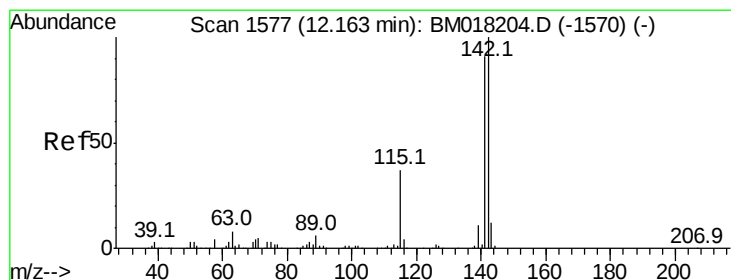
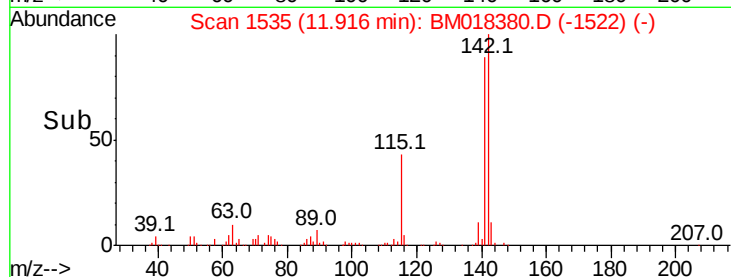
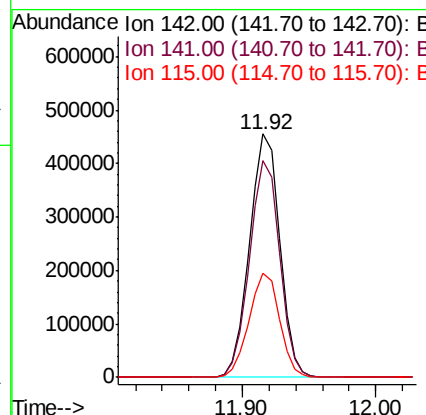
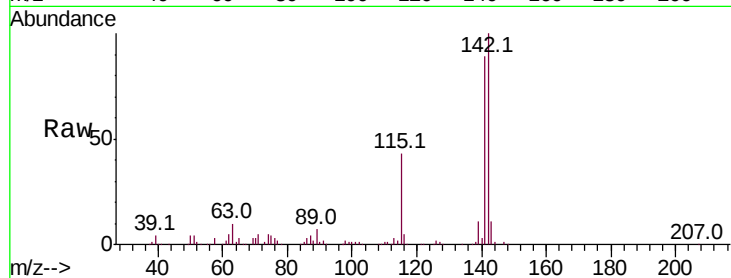




#37
2-Methylnaphthalene
Concen: 41.289 ng
RT: 11.92 min Scan# 1535
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

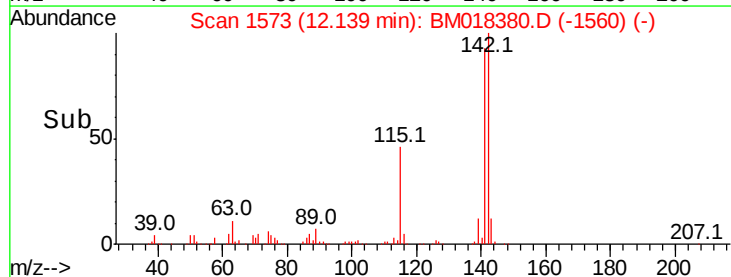
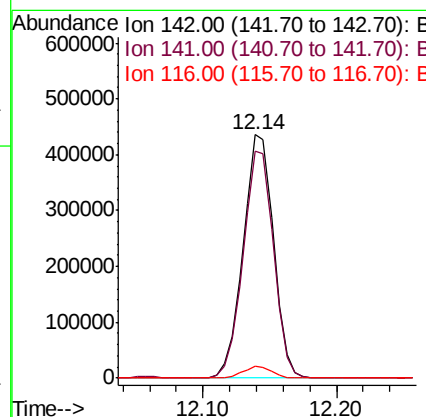
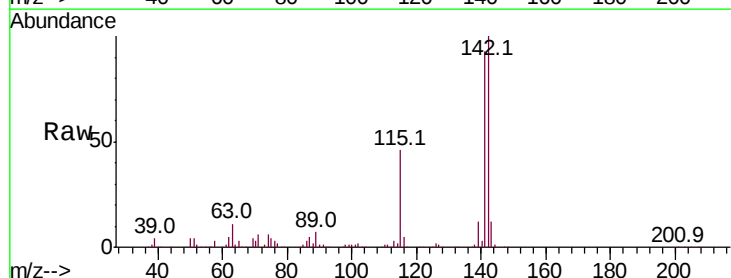
Instrument :
BNA_M
ClientSampleId :

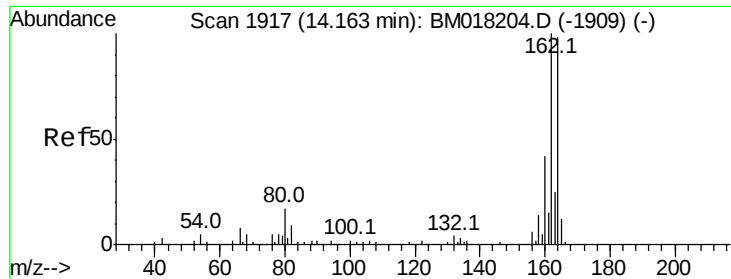
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	42.9	29.0	43.6



#38
1-Methylnaphthalene
Concen: 40.558 ng
RT: 12.14 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.0	109.4
116	5.0	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.14 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

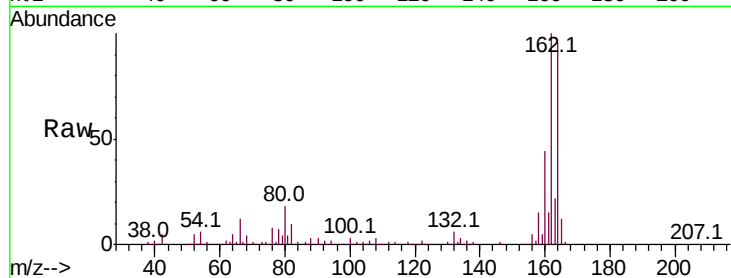
Tot Ion:164 Resp: 284059

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.6

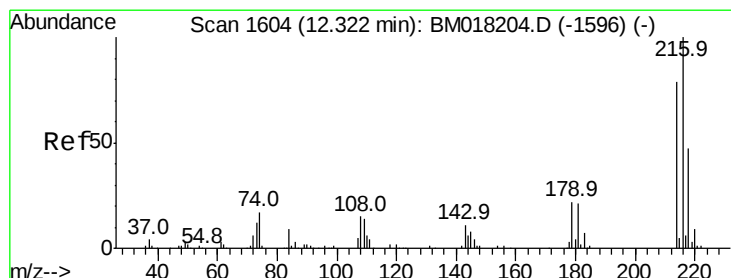
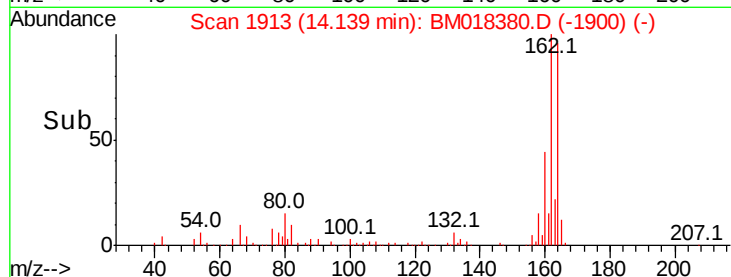
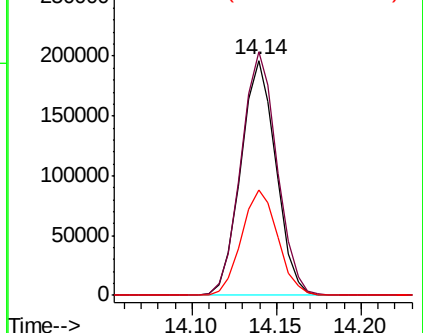
160 45.1 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.032 ng

RT: 12.29 min Scan# 1599

Delta R.T. -0.03 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Tgt Ion:216 Resp: 439880

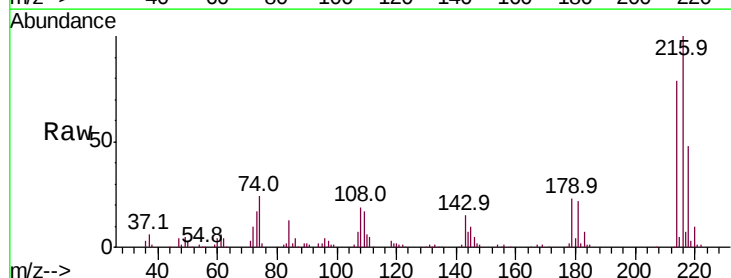
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 22.4 17.2 25.8

108 19.4 14.6 21.8

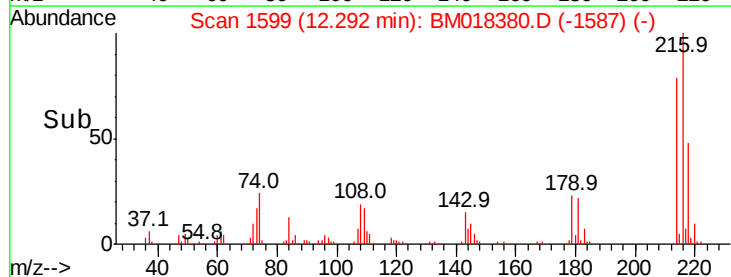
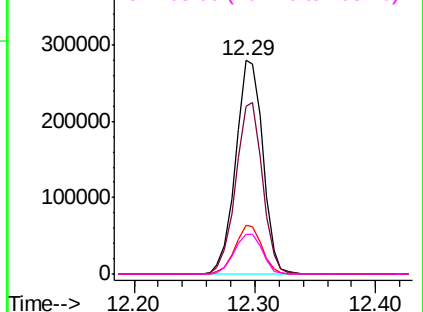


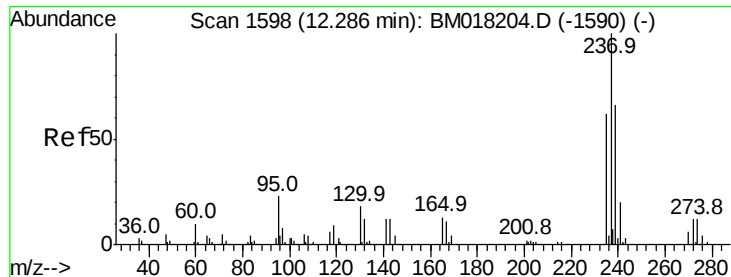
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 10.404 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.03 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

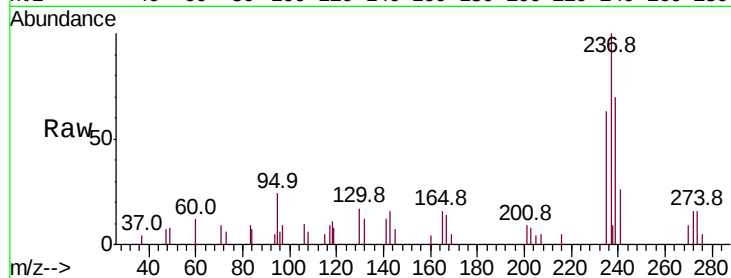
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 11010

Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.1	82.1
272	15.8	0.0	32.1

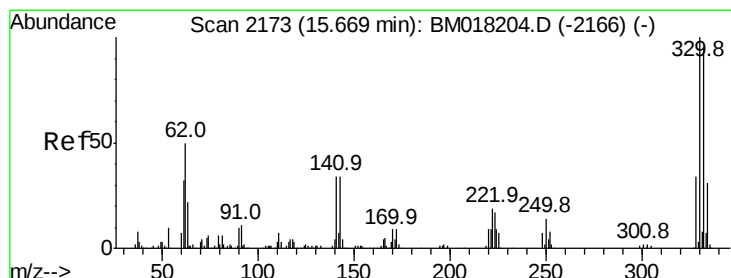
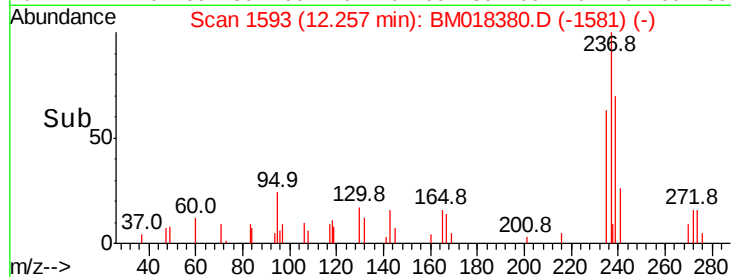
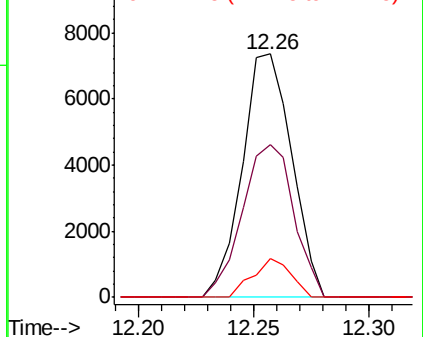


Abundance

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: 73.412 ng

RT: 15.66 min Scan# 2171

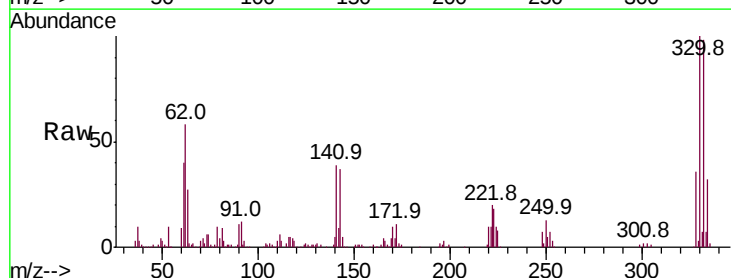
Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Tgt Ion:330 Resp: 306068

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.6	118.0
141	41.1	27.1	40.7#

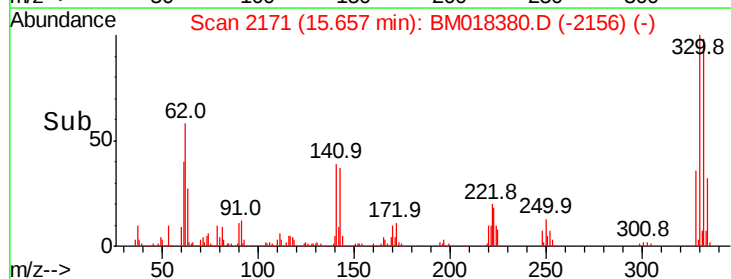
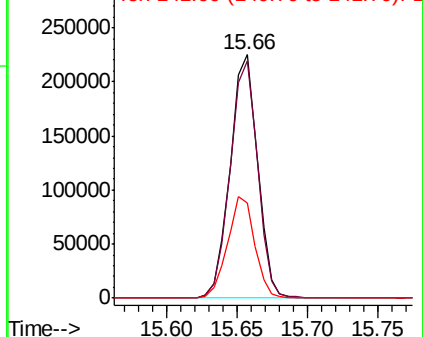


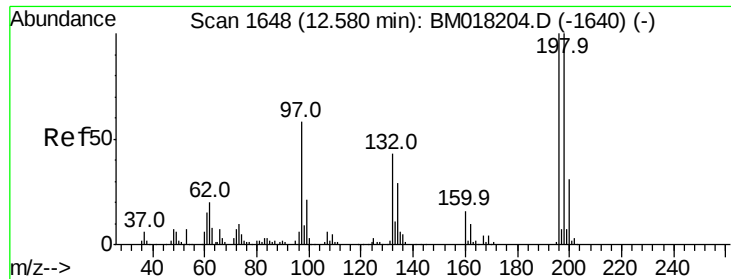
Abundance

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

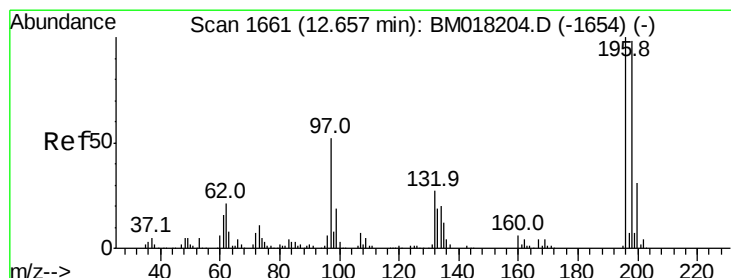
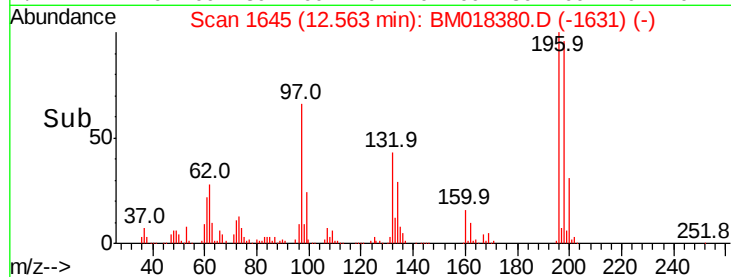
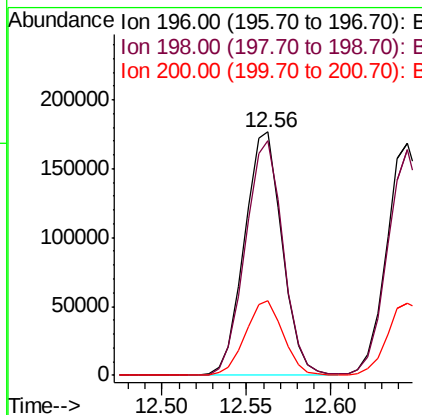
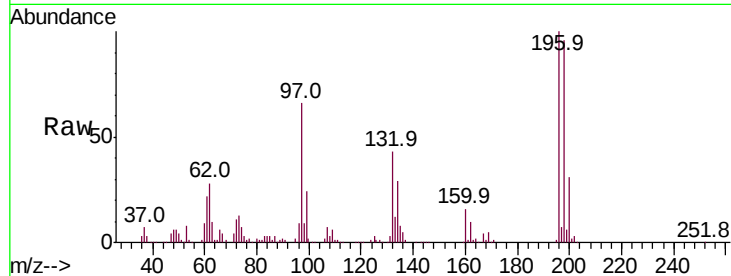




#43
 2,4,6-Trichlorophenol
 Concen: 43.763 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM018380.D
 Acq: 22 Dec 2018 12:31

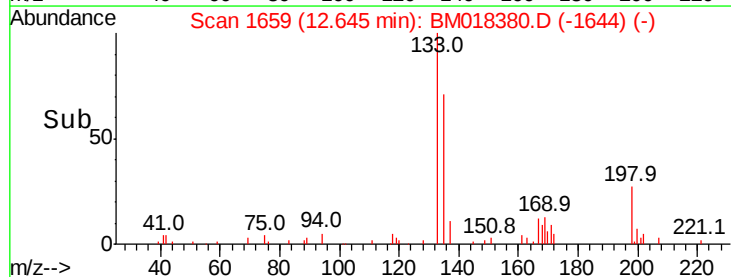
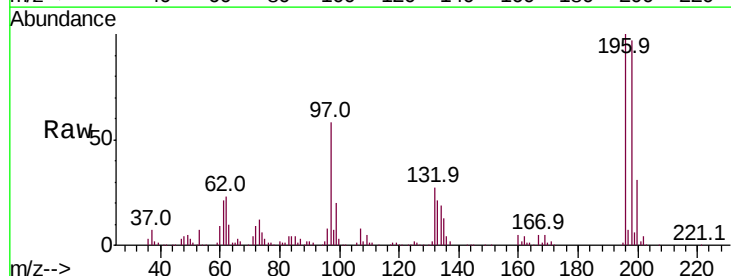
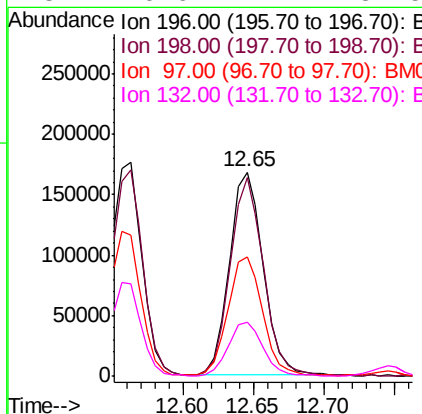
Instrument :
 BNA_M
 ClientSampled :

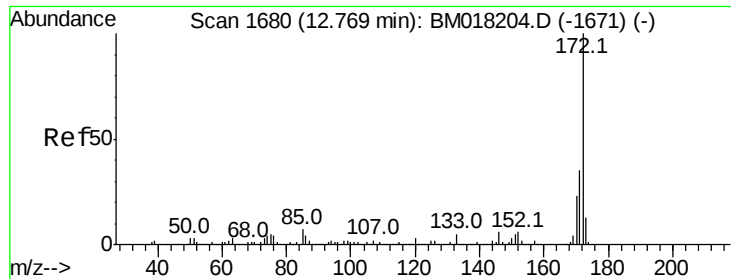
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	80.1	120.1
200	30.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.888 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM018380.D
 Acq: 22 Dec 2018 12:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.5	117.7
97	58.4	41.9	62.9
132	26.6	21.7	32.5

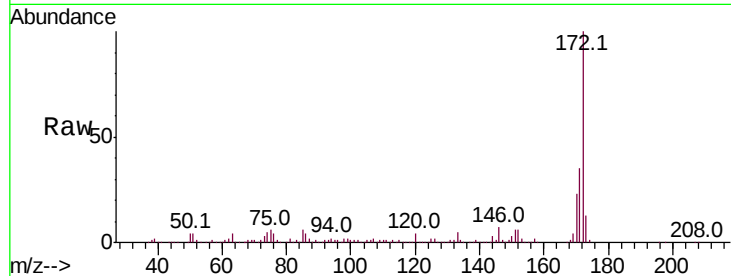




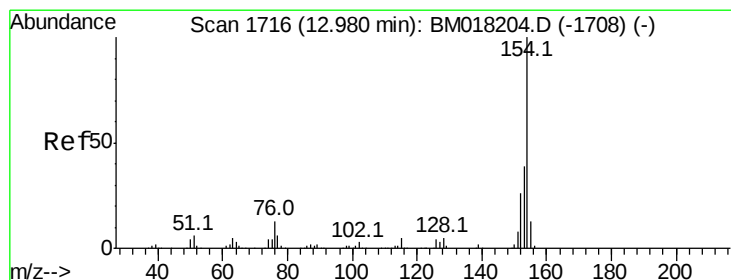
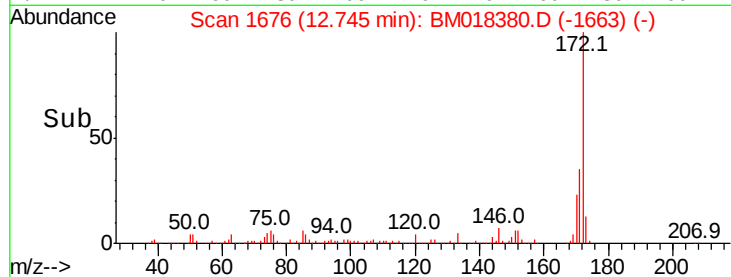
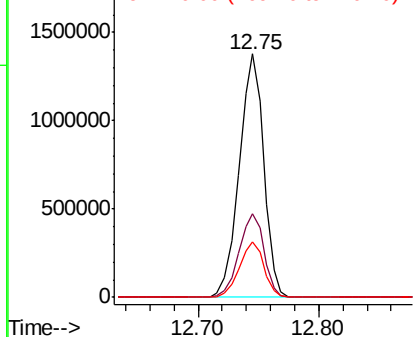
#45
2-Fluorobiphenyl
Concen: 88.839 ng
RT: 12.75 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 1948344
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 22.6 18.1 27.1

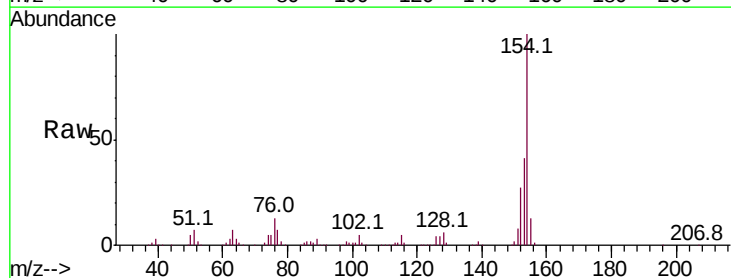


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

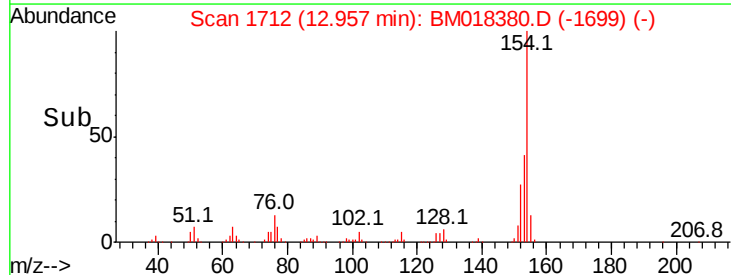
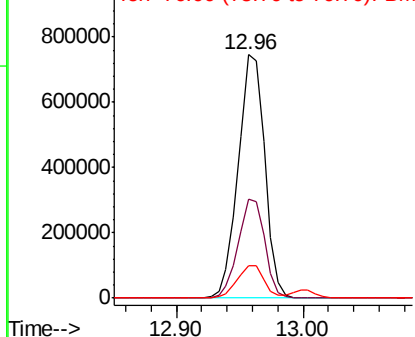


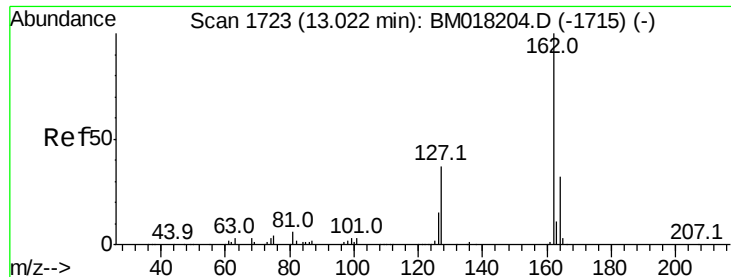
#46
1,1'-Biphenyl
Concen: 42.303 ng
RT: 12.96 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion:154 Resp: 1081042
Ion Ratio Lower Upper
154 100
153 40.6 19.5 59.5
76 13.4 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

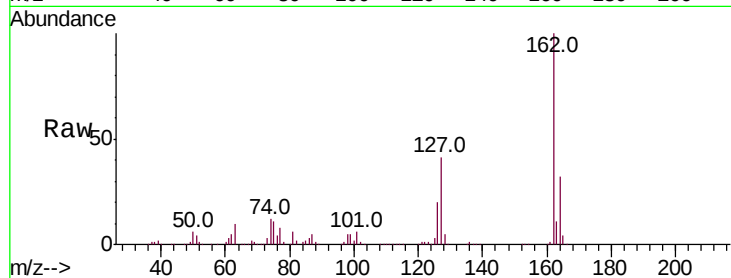




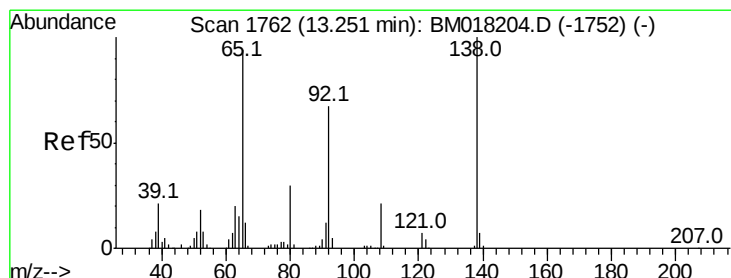
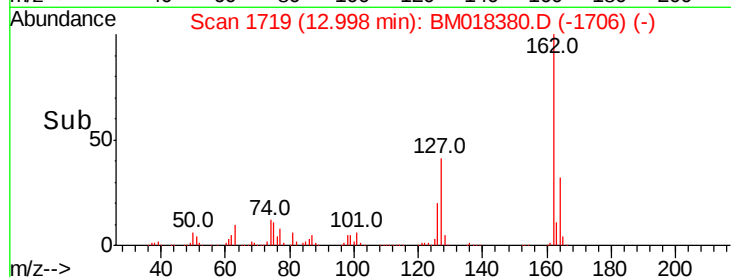
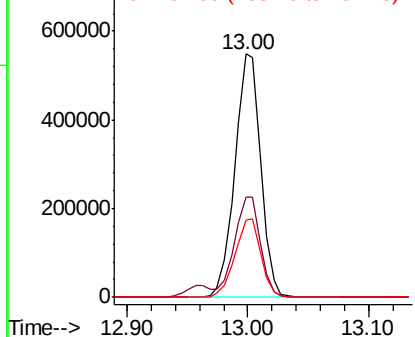
#47
2-Chloronaphthalene
Concen: 43.459 ng
RT: 13.00 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	31.8	47.8
164	31.7	25.9	38.9

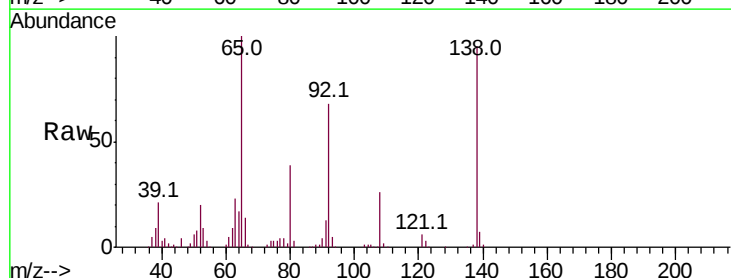


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

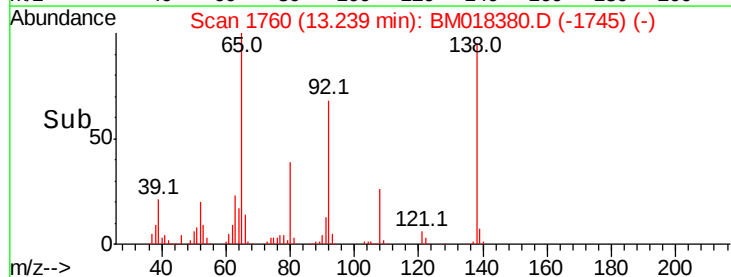
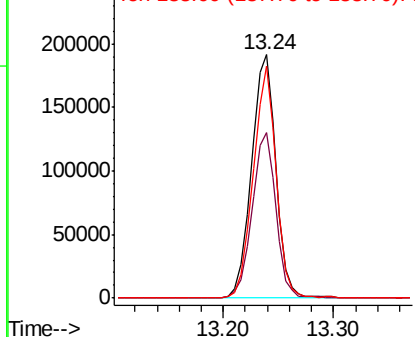


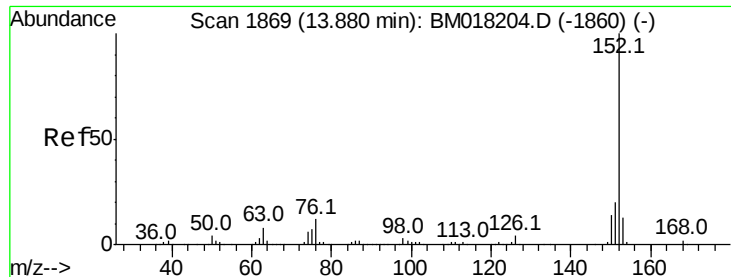
#48
2-Nitroaniline
Concen: 51.124 ng
RT: 13.24 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	56.8	85.2
138	95.3	85.1	127.7



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: 41.463 ng

RT: 13.86 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

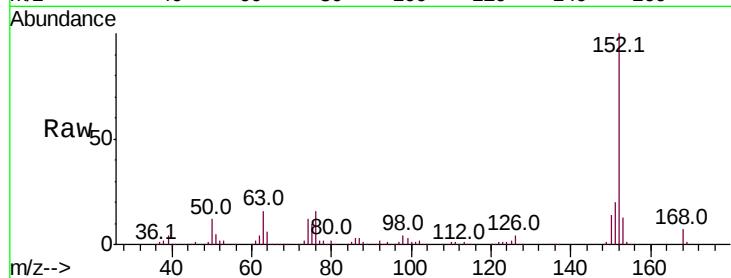
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1175257

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	12.8	10.2	15.2

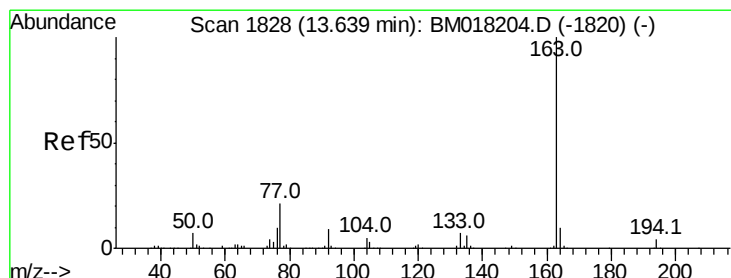
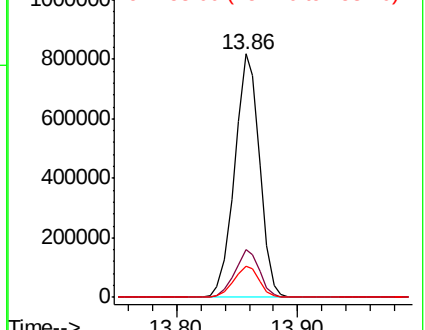
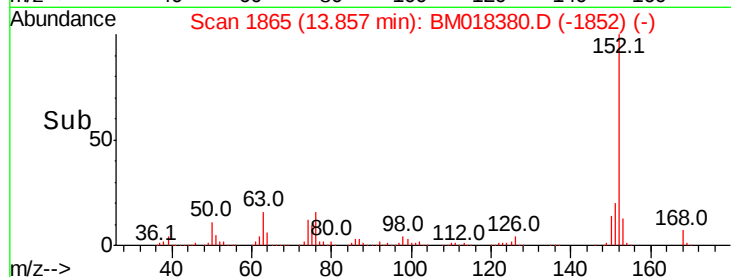


Abundance

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: 40.279 ng

RT: 13.62 min Scan# 1824

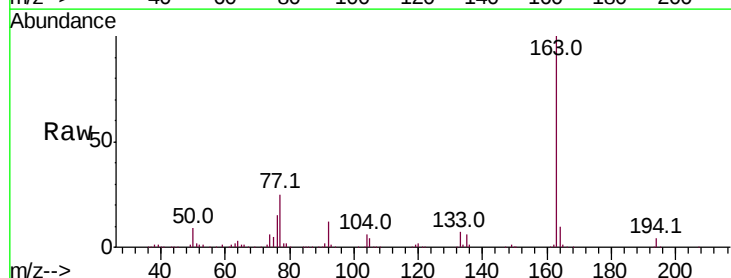
Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Tgt Ion:163 Resp: 951228

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.7	7.9	11.9

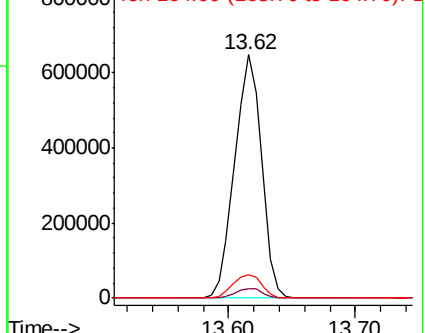
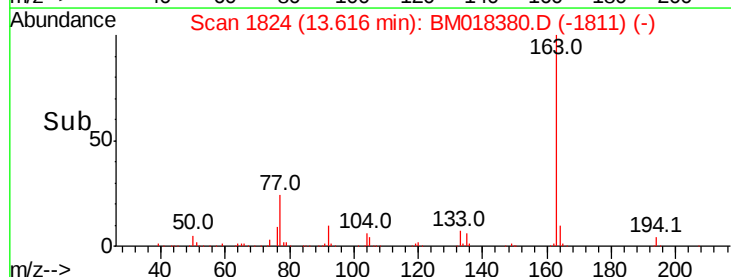


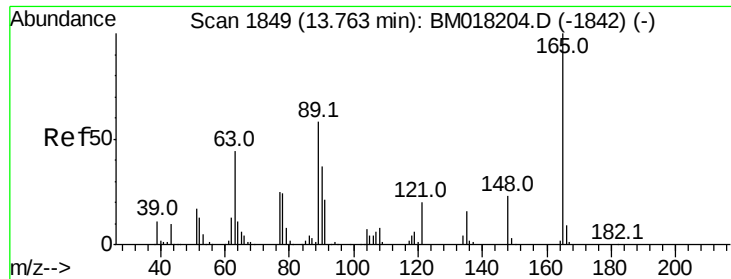
Abundance

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

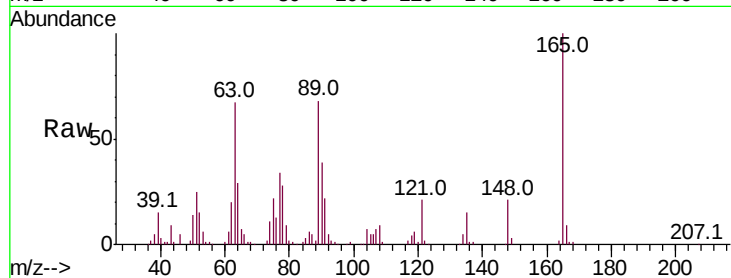




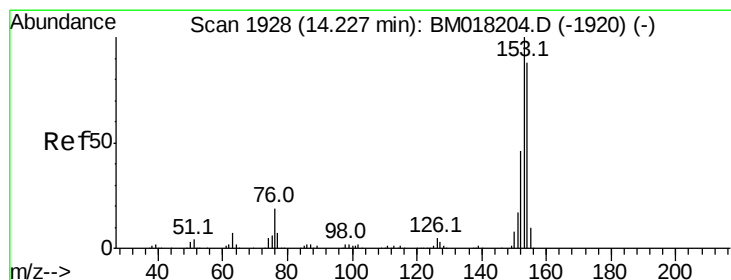
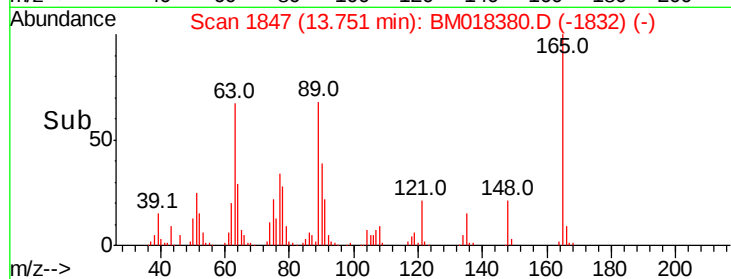
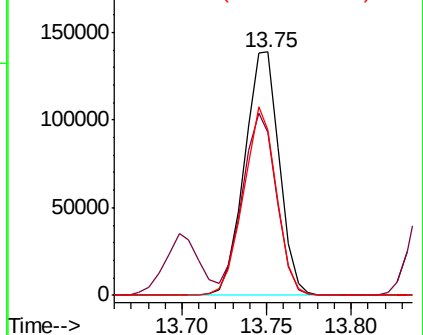
#51
2,6-Dinitrotoluene
Concen: 38.392 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.7	46.6	69.8
89	68.2	46.3	69.5

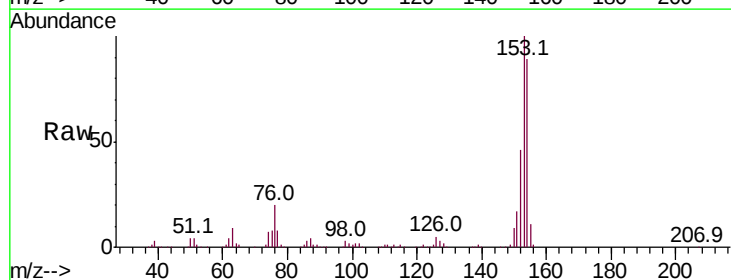


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

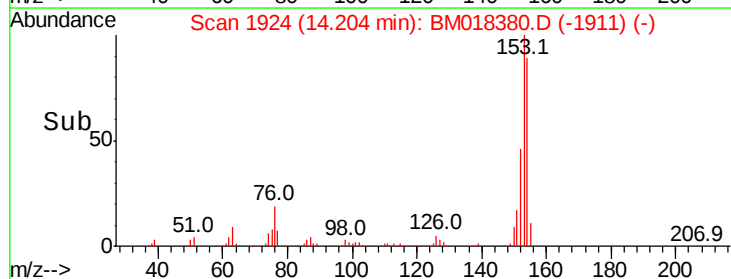
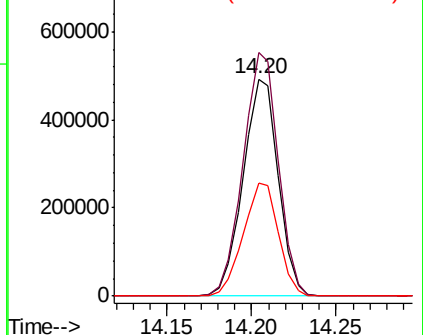


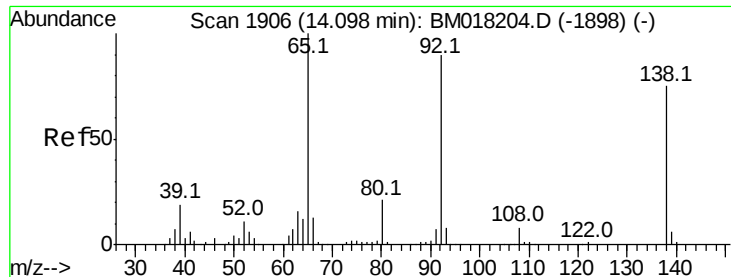
#52
Acenaphthene
Concen: 41.274 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.4	135.6
152	52.1	41.2	61.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.251 ng

RT: 14.09 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampled :

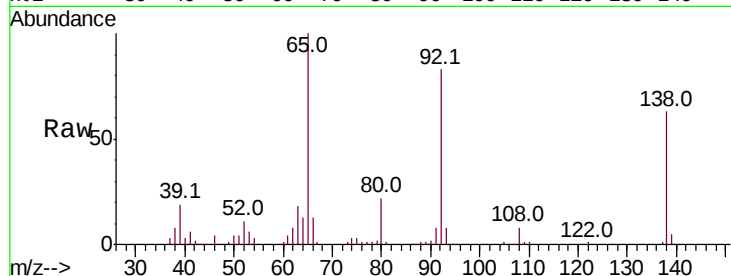
Tot Ion:138 Resp: 225366

Ion Ratio Lower Upper

138 100

108 12.4 8.4 12.6

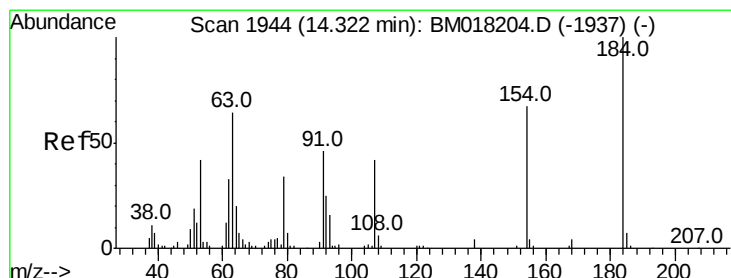
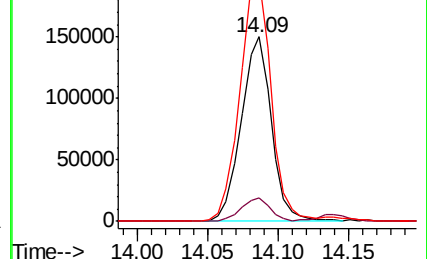
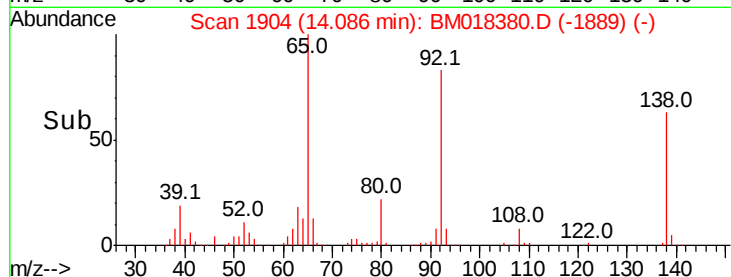
92 132.2 94.9 142.3



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: 2.400 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

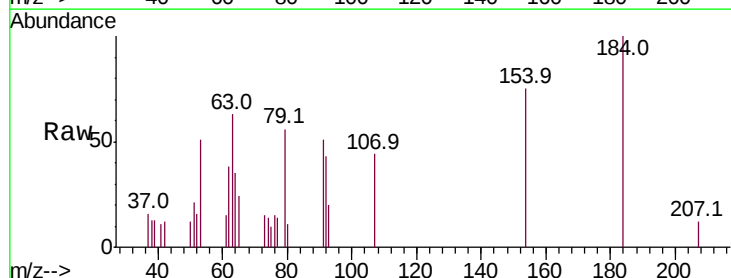
Tgt Ion:184 Resp: 6872

Ion Ratio Lower Upper

184 100

63 62.9 51.6 77.4

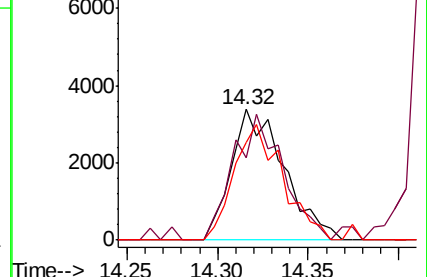
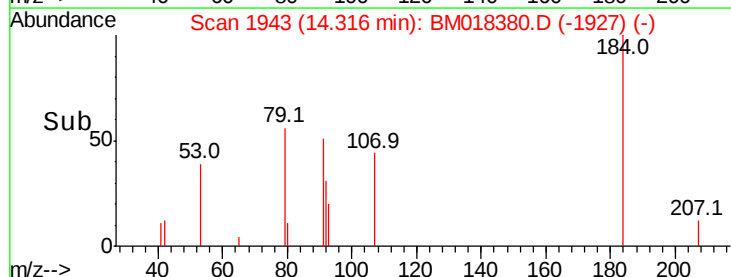
154 75.0 54.0 81.0

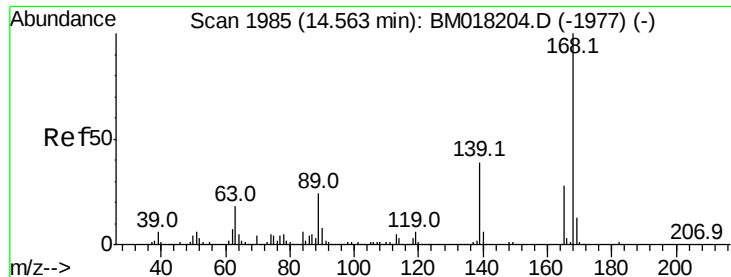


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

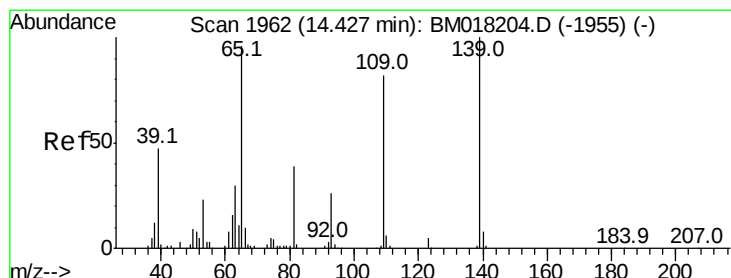
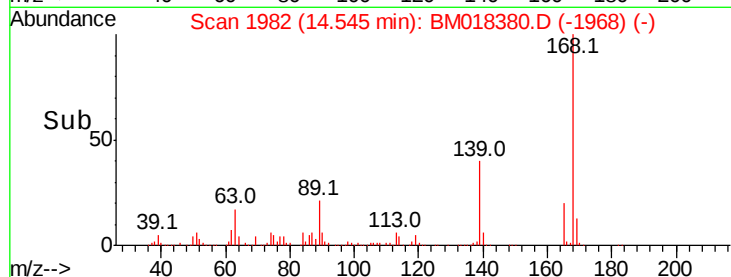
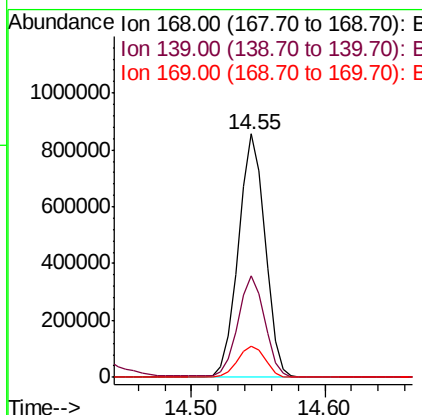
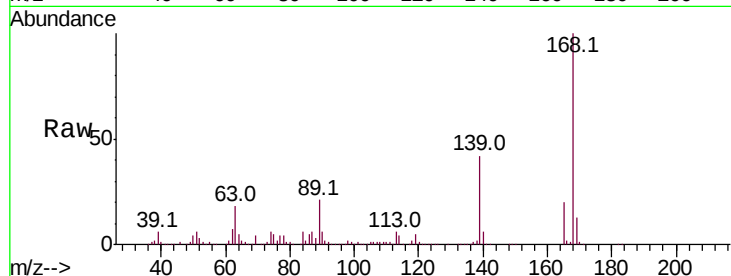




#55
Dibenzofuran
Concen: 42.627 ng
RT: 14.55 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

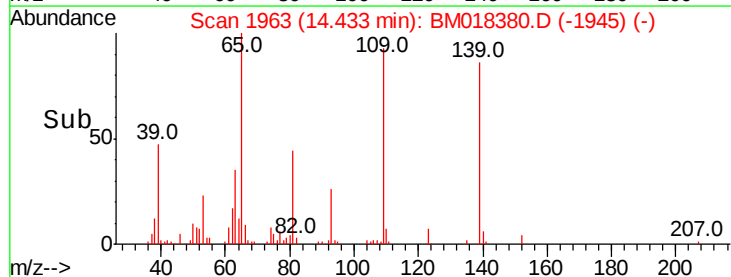
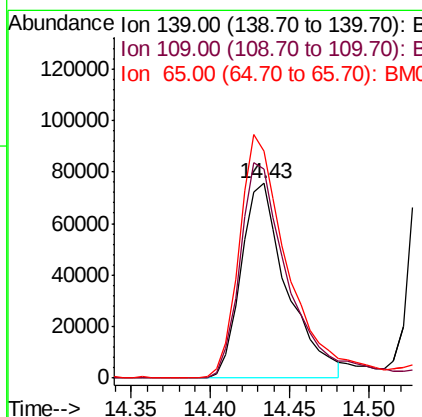
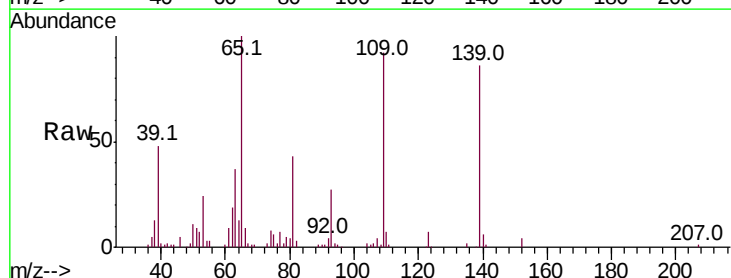
Instrument :
BNA_M
ClientSampleId :

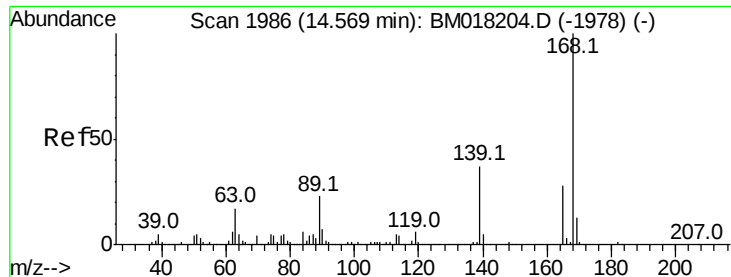
Tot Ion:168 Resp: 1186464
Ion Ratio Lower Upper
168 100
139 41.8 31.2 46.8
169 13.0 10.4 15.6



#56
4-Nitrophenol
Concen: 36.755 ng
RT: 14.43 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion:139 Resp: 152245
Ion Ratio Lower Upper
139 100
109 107.2 62.3 102.3#
65 116.6 76.4 116.4#

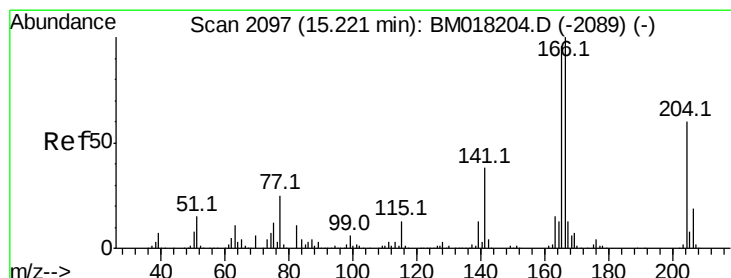
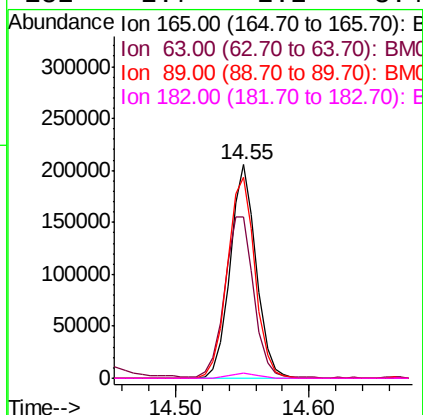
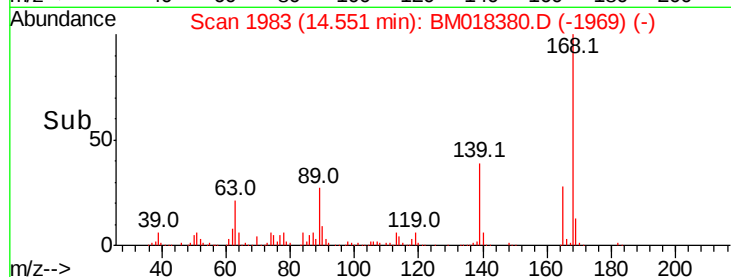
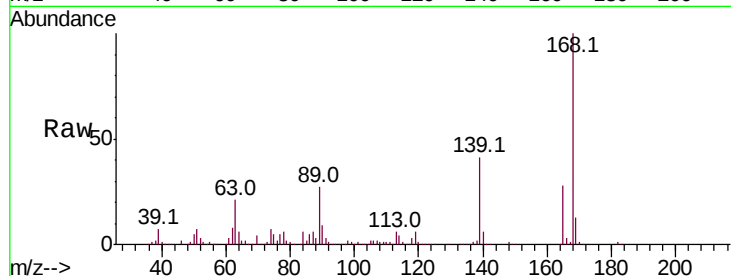




#57
 2,4-Dinitrotoluene
 Concen: 38.976 ng
 RT: 14.55 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: BM018380.D
 Acq: 22 Dec 2018 12:31

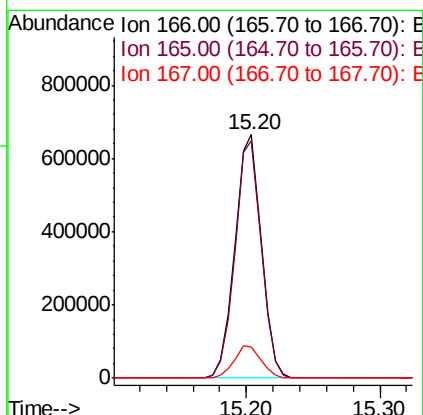
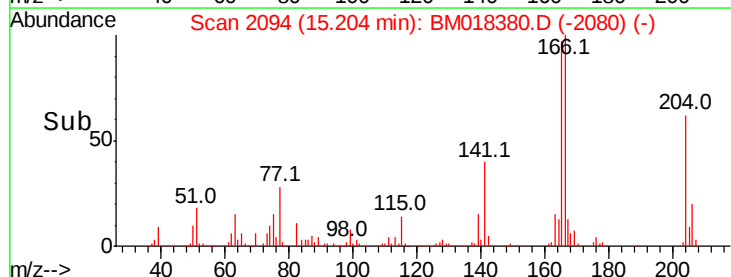
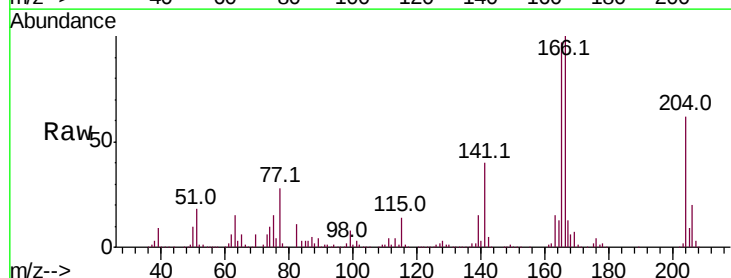
Instrument :
 BNA_M
 ClientSampleId :

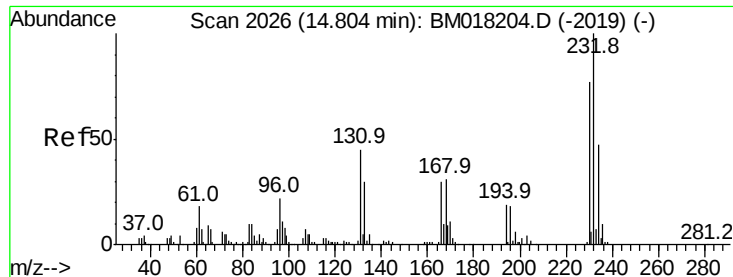
Tot Ion:165 Resp: 279689
 Ion Ratio Lower Upper
 165 100
 63 75.4 47.2 70.8#
 89 93.9 65.8 98.8
 182 2.7 2.2 3.4



#58
 Fluorene
 Concen: 42.505 ng
 RT: 15.20 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BM018380.D
 Acq: 22 Dec 2018 12:31

Tgt Ion:166 Resp: 913753
 Ion Ratio Lower Upper
 166 100
 165 97.3 76.9 115.3
 167 12.9 10.5 15.7

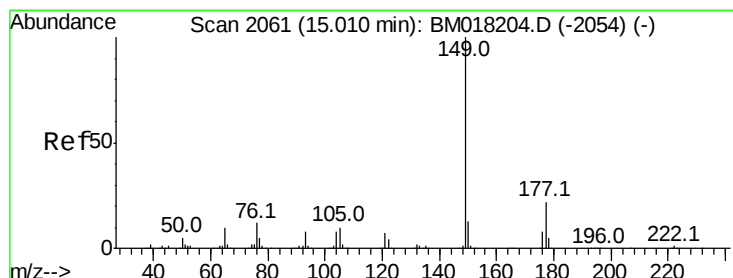
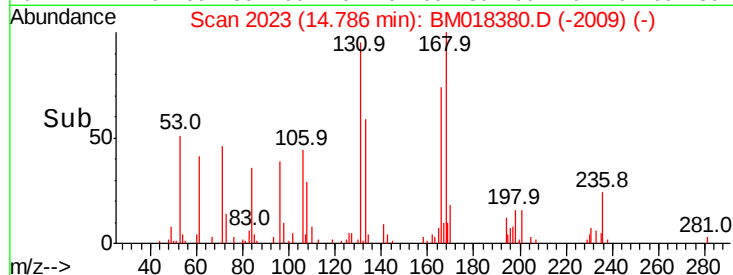
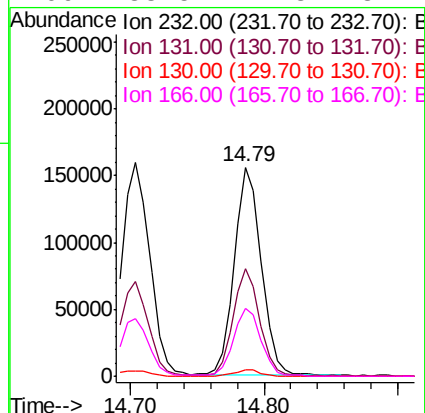
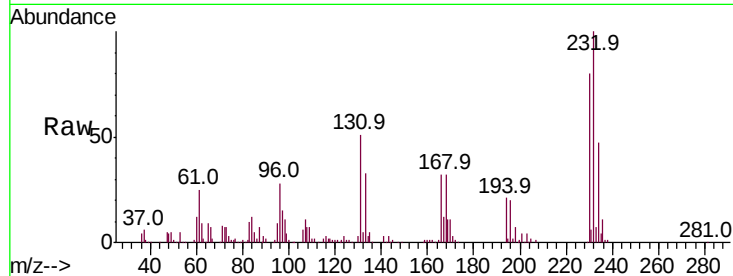




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.775 ng
RT: 14.79 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

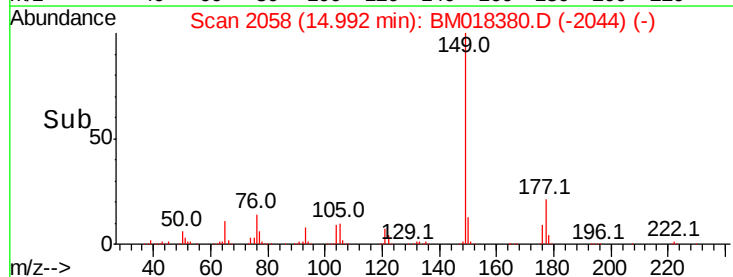
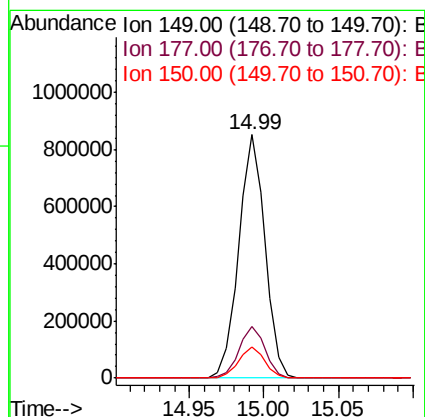
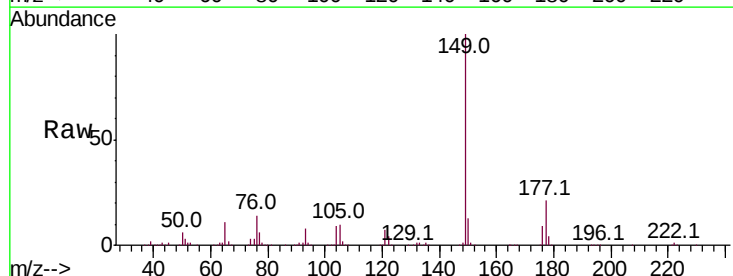
Instrument :
BNA_M
ClientSampled :

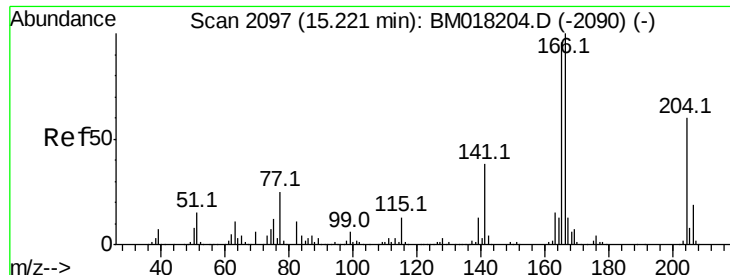
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.8	36.2	54.2
130	3.0	1.8	2.6
166	33.5	24.8	37.2



#60
Diethylphthalate
Concen: 40.897 ng
RT: 14.99 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.8	26.8
150	12.8	10.3	15.5

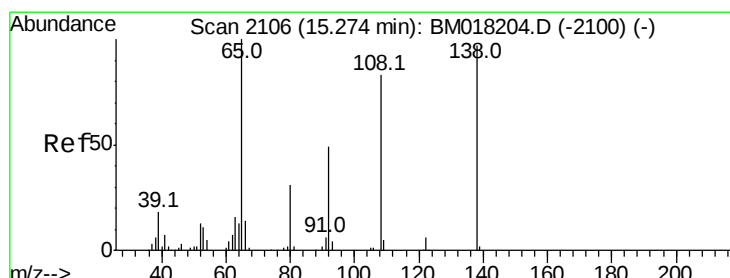
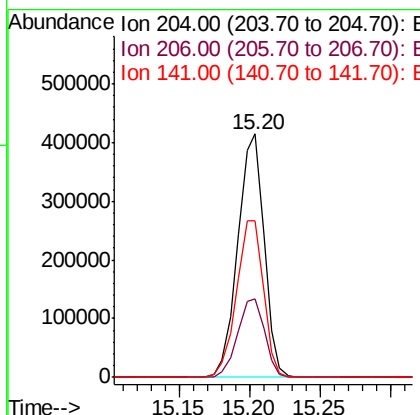
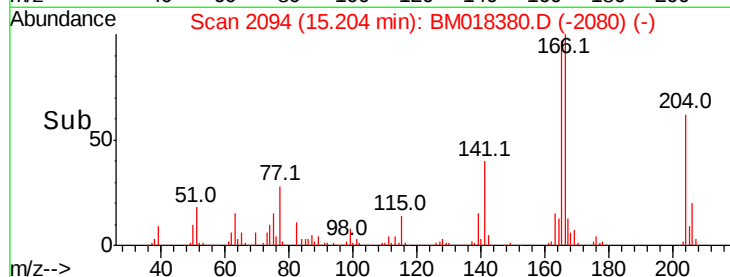
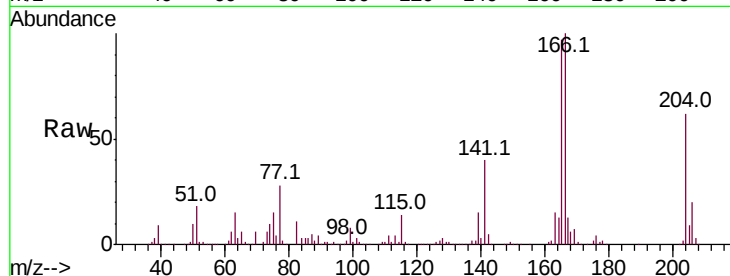




#61
4-Chlorophenyl-phenylether
Concen: 44.276 ng
RT: 15.20 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

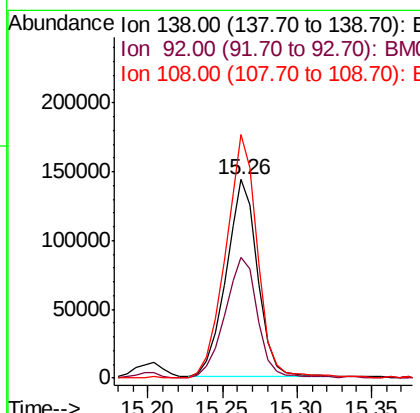
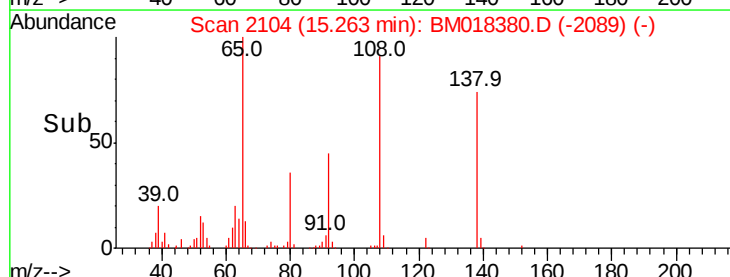
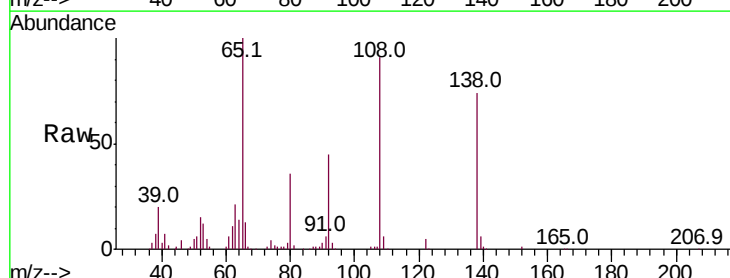
Instrument :
BNA_M
ClientSampled :

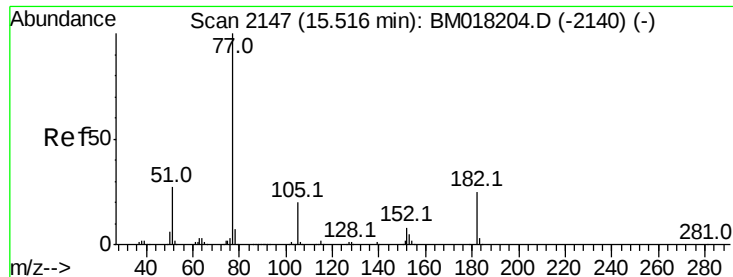
Tot Ion:204 Resp: 538311
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 64.3 50.2 75.4



#62
4-Nitroaniline
Concen: 40.771 ng
RT: 15.26 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion:138 Resp: 211356
Ion Ratio Lower Upper
138 100
92 61.0 31.1 71.1
108 122.6 65.0 105.0#

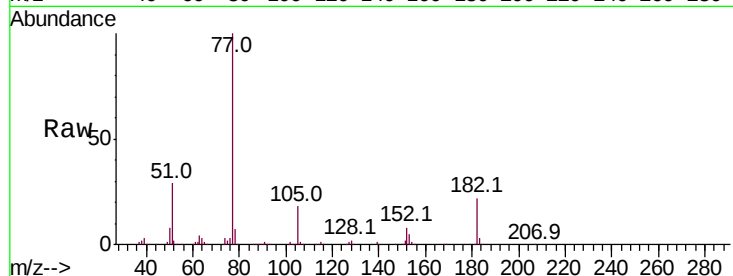




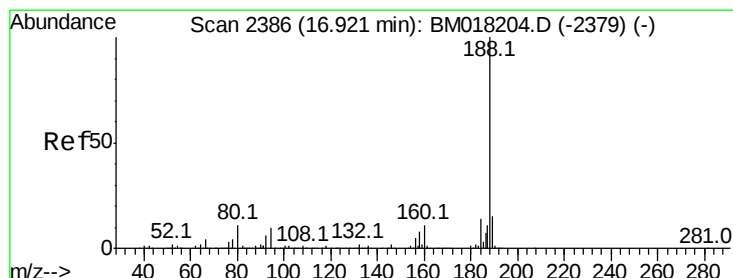
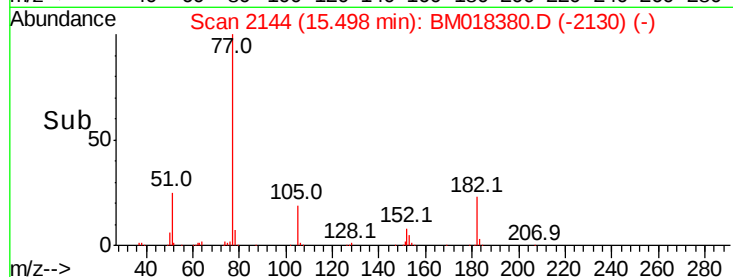
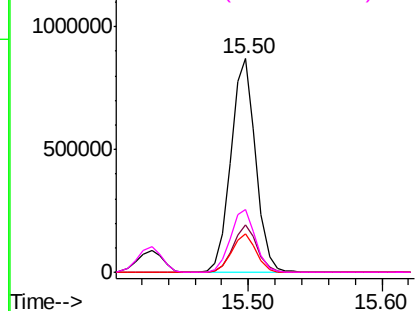
#63
Azobenzene
Concen: 48.406 ng
RT: 15.50 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Instrument :
BNA_M
ClientSampled :

Tot Ion: 77 Resp: 1124862
Ion Ratio Lower Upper
77 100
182 22.2 4.6 44.6
105 18.0 0.2 40.2
51 29.3 7.0 47.0

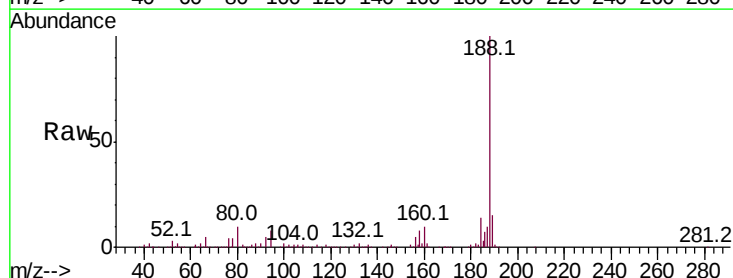


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

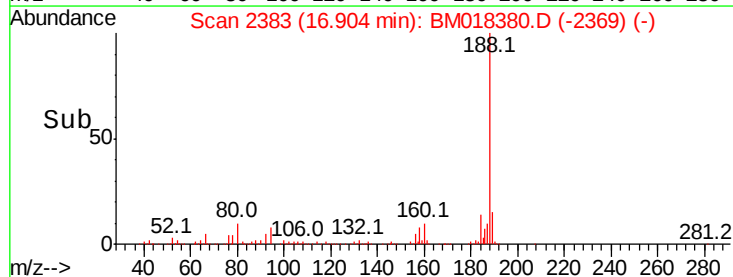
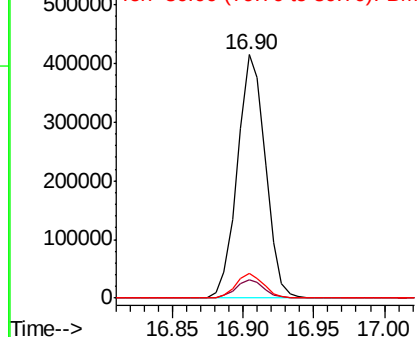


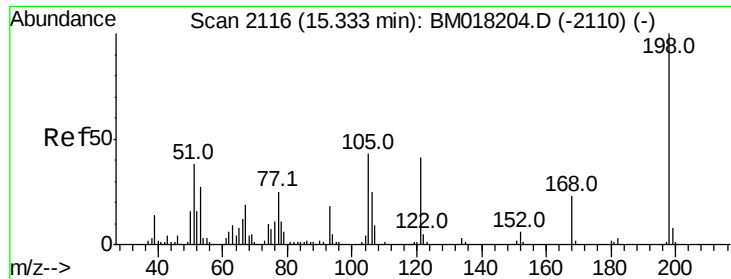
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion: 188 Resp: 573797
Ion Ratio Lower Upper
188 100
94 7.7 8.0 12.0#
80 10.2 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 3.361 ng

RT: 15.33 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

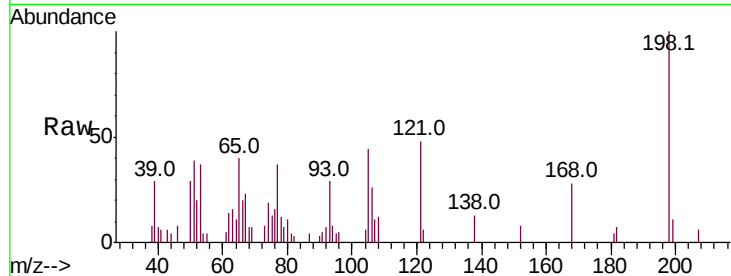
Tot Ion:198 Resp: 14198

Ion Ratio Lower Upper

198 100

51 39.2 18.6 58.6

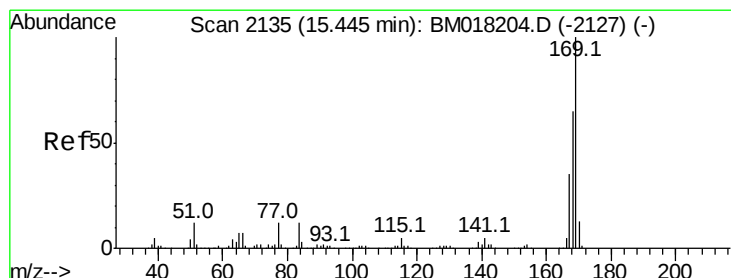
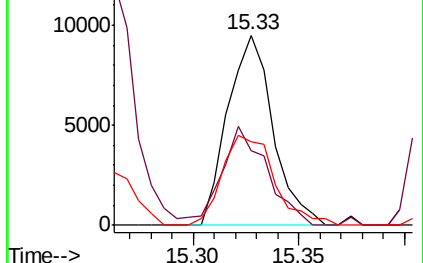
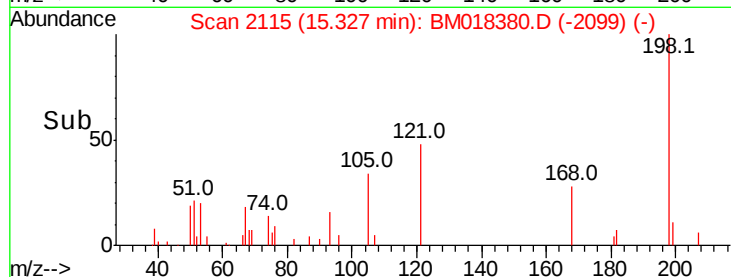
105 43.8 22.9 62.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.463 ng

RT: 15.43 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

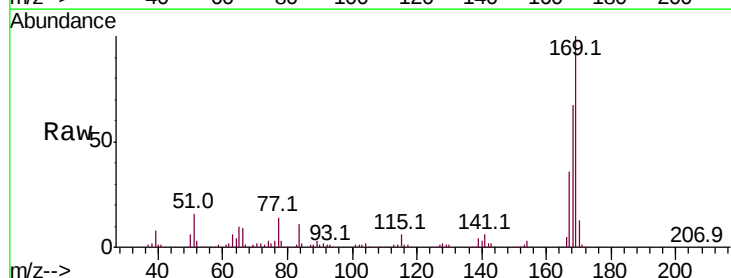
Tgt Ion:169 Resp: 843665

Ion Ratio Lower Upper

169 100

168 67.4 52.2 78.4

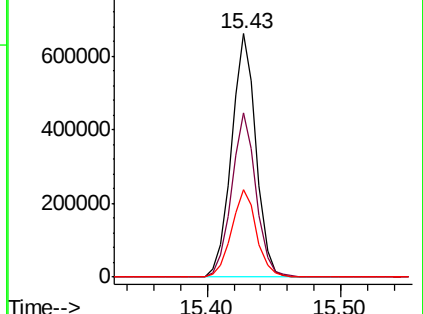
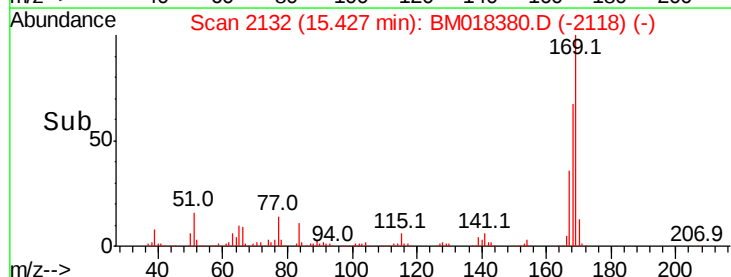
167 36.1 27.6 41.4

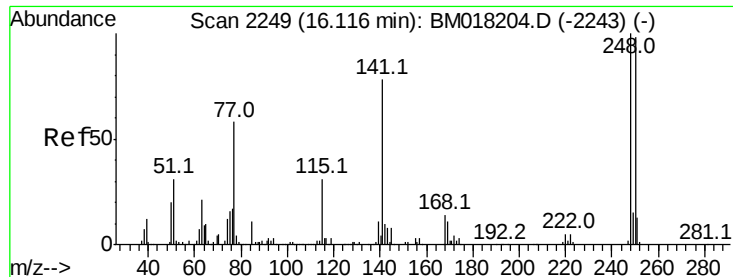


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

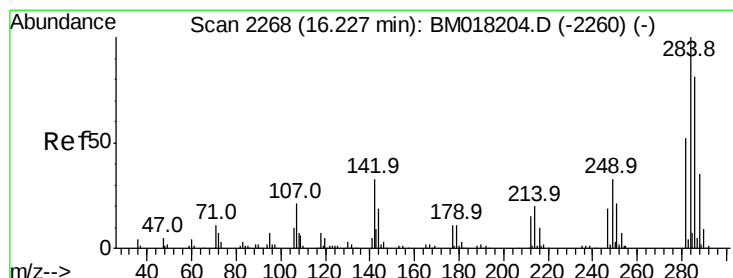
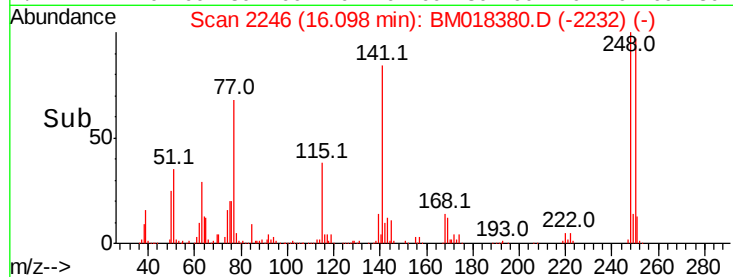
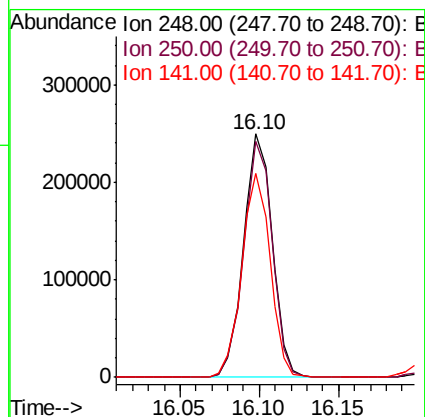
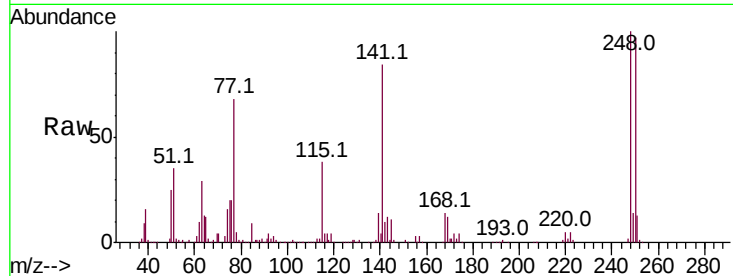




#67
4-Bromophenyl-phenylether
Concen: 45.146 ng
RT: 16.10 min Scan# 2246
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

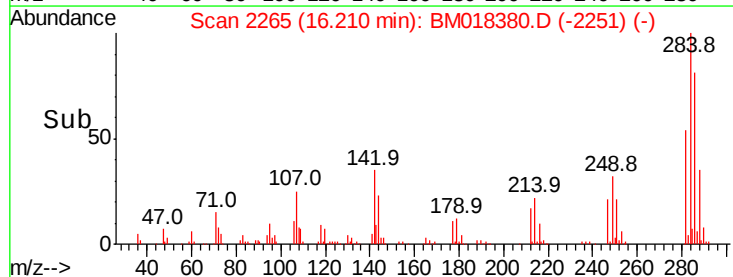
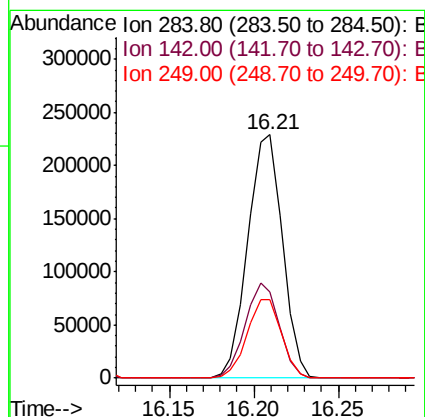
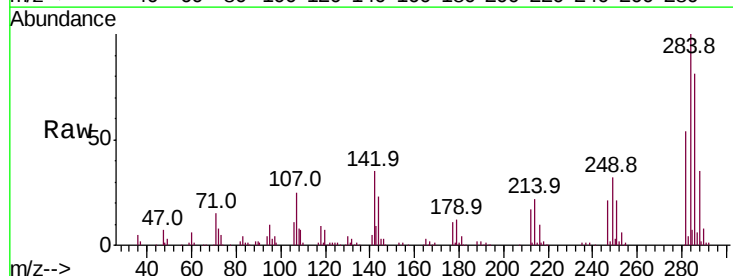
Instrument :
BNA_M
ClientSampleId :

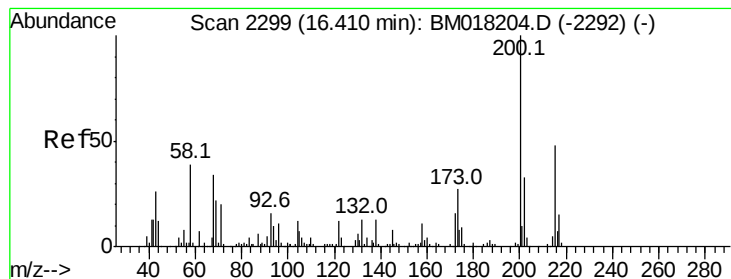
Tot Ion:248 Resp: 313728
Ion Ratio Lower Upper
248 100
250 96.7 78.7 118.1
141 83.7 62.2 93.4



#68
Hexachlorobenzene
Concen: 43.135 ng
RT: 16.21 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion:284 Resp: 328391
Ion Ratio Lower Upper
284 100
142 35.4 26.2 39.4
249 32.4 26.2 39.2





#69

Atrazine

Concen: 36.388 ng

RT: 16.40 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampled :

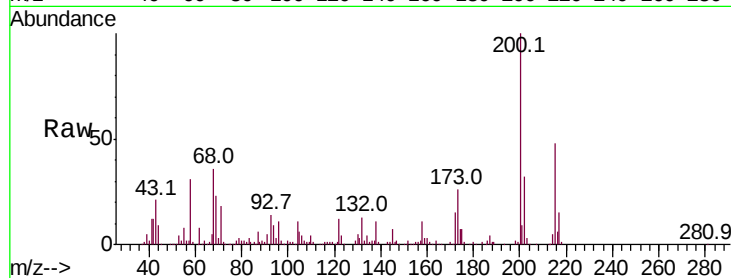
Tot Ion:200 Resp: 233089

Ion Ratio Lower Upper

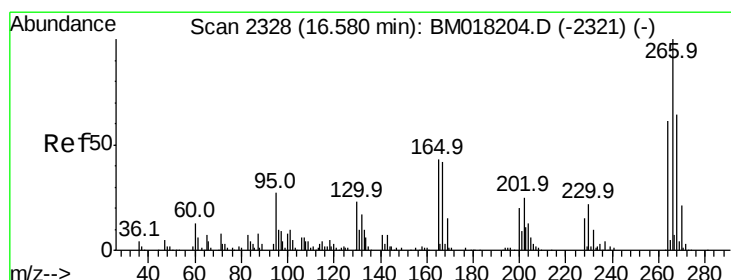
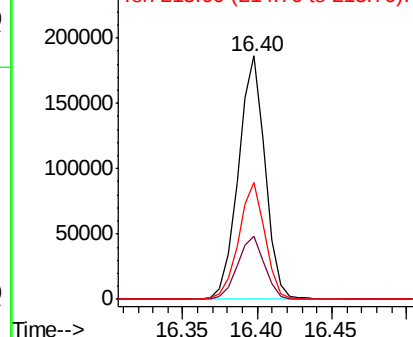
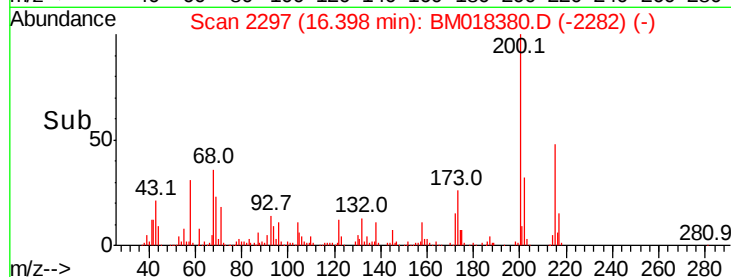
200 100

173 26.0 6.9 46.9

215 47.9 27.9 67.9



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: 43.472 ng

RT: 16.57 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

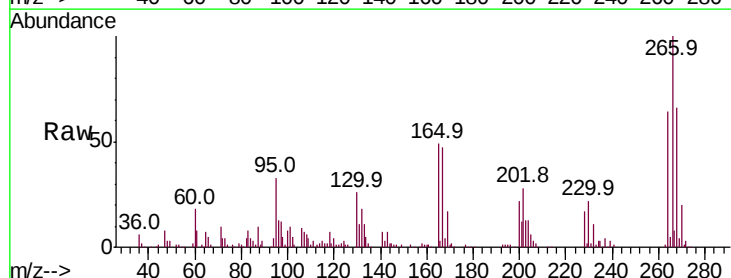
Tgt Ion:266 Resp: 218572

Ion Ratio Lower Upper

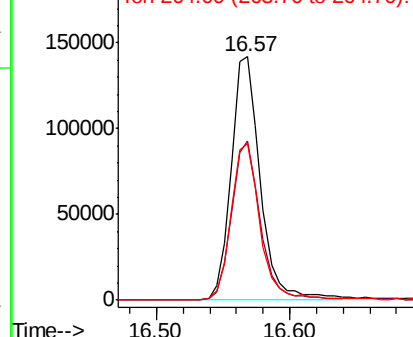
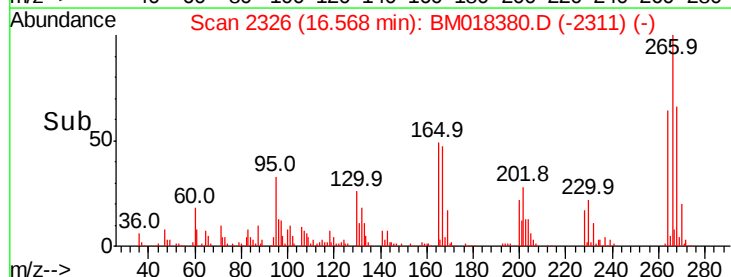
266 100

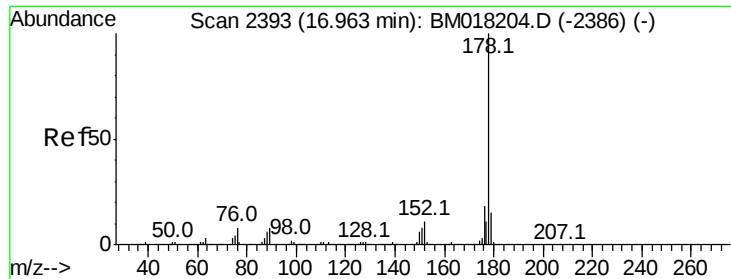
268 65.6 51.1 76.7

264 64.1 49.0 73.4



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: 40.747 ng

RT: 16.95 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

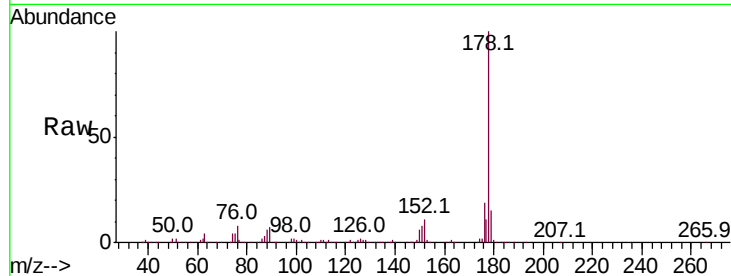
Tot Ion:178 Resp: 1269980

Ion Ratio Lower Upper

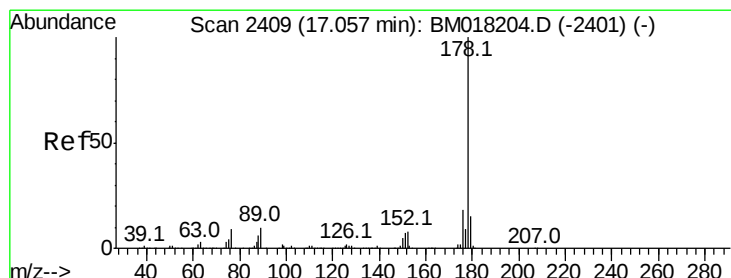
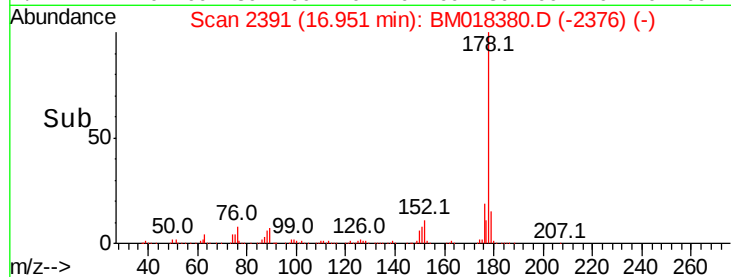
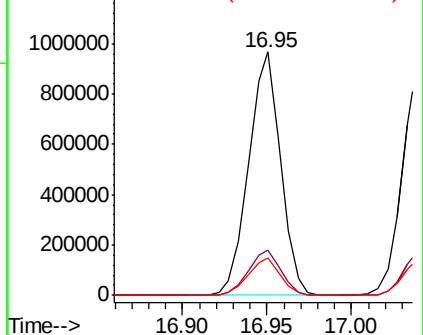
178 100

176 18.7 14.7 22.1

179 15.2 12.0 18.0



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: 40.565 ng

RT: 17.04 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

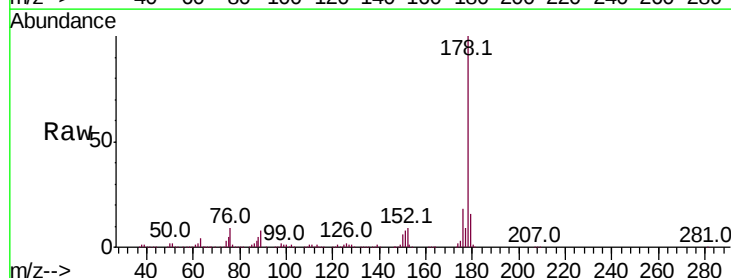
Tgt Ion:178 Resp: 1254288

Ion Ratio Lower Upper

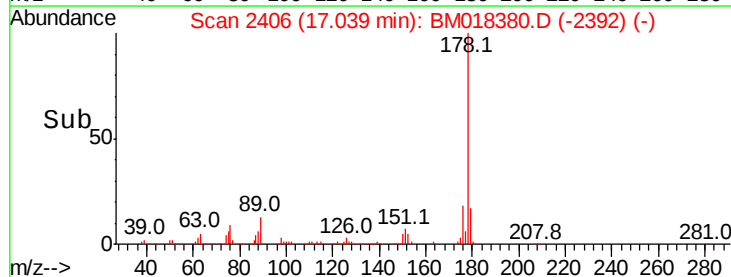
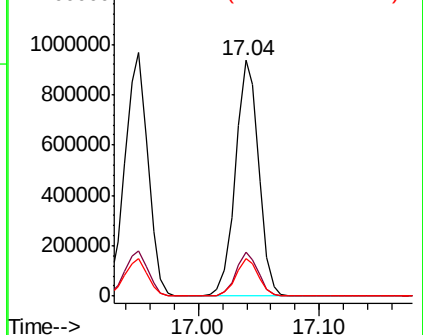
178 100

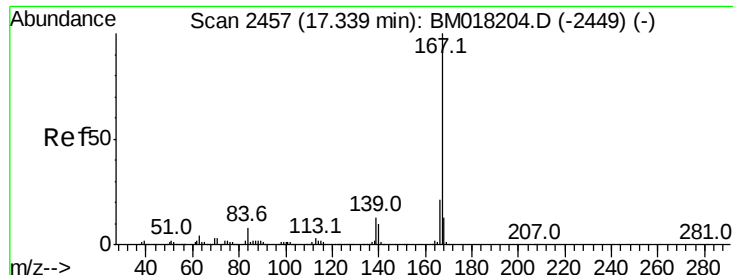
176 18.4 14.3 21.5

179 15.8 12.0 18.0



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



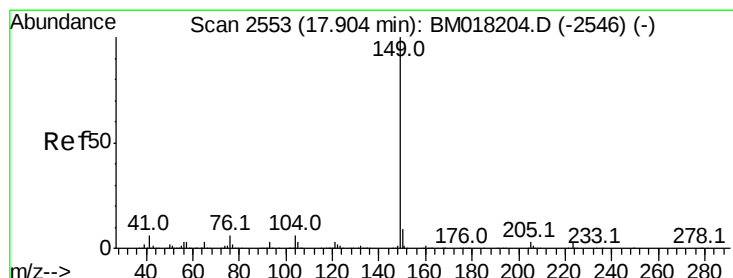
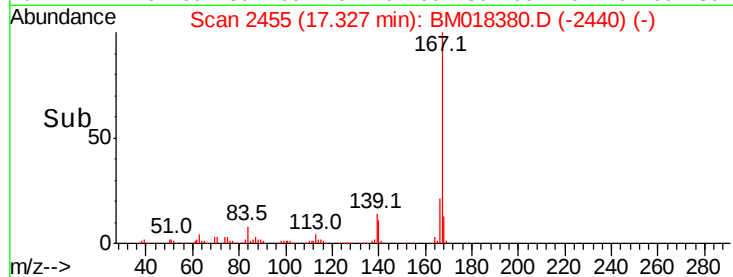
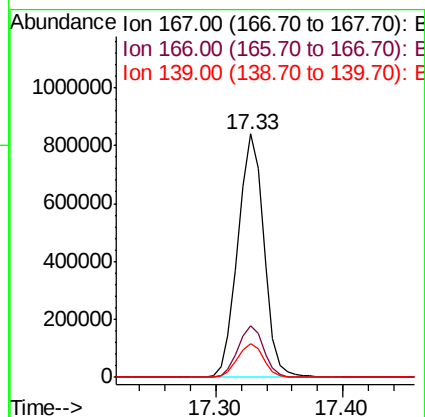
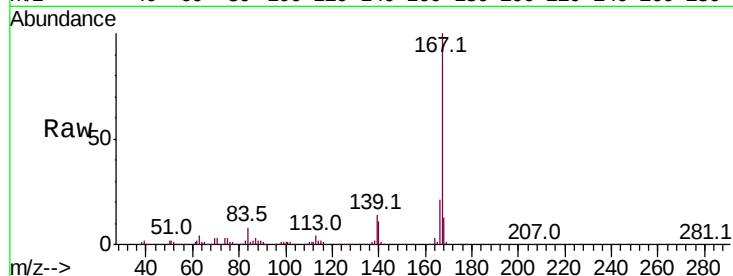


#73
 Carbazole
 Concen: 37.688 ng
 RT: 17.33 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018380.D
 Acq: 22 Dec 2018 12:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1196081

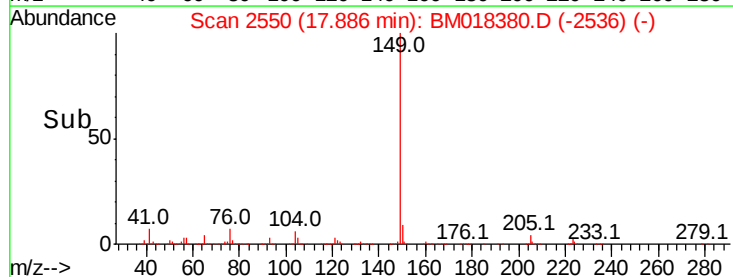
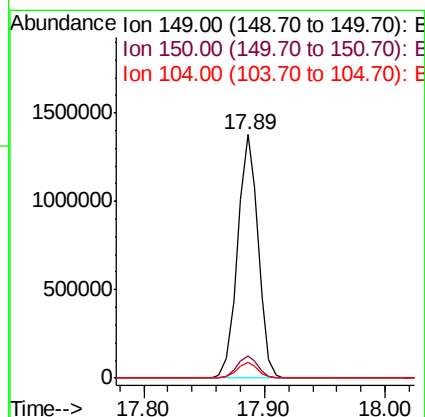
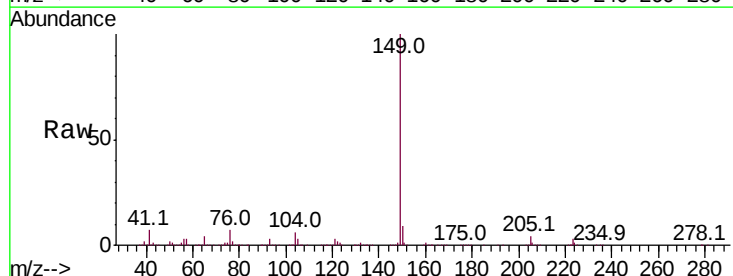
Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.8	25.2
139	13.7	10.3	15.5

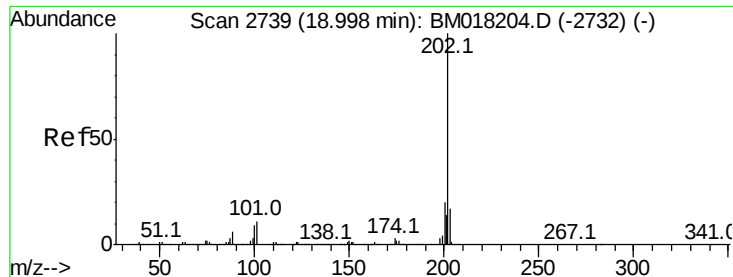


#74
 Di-n-butylphthalate
 Concen: 41.665 ng
 RT: 17.89 min Scan# 2550
 Delta R.T. -0.02 min
 Lab File: BM018380.D
 Acq: 22 Dec 2018 12:31

Tgt Ion:149 Resp: 1631533

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	6.4	4.8	7.2





#75

Fluoranthene

Concen: 34.186 ng

RT: 18.98 min Scan# 2736

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

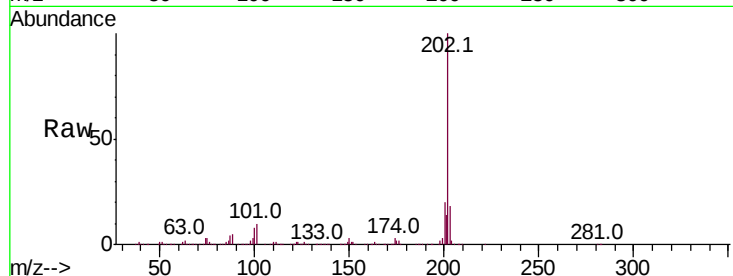
Tot Ion:202 Resp: 1238800

Ion Ratio Lower Upper

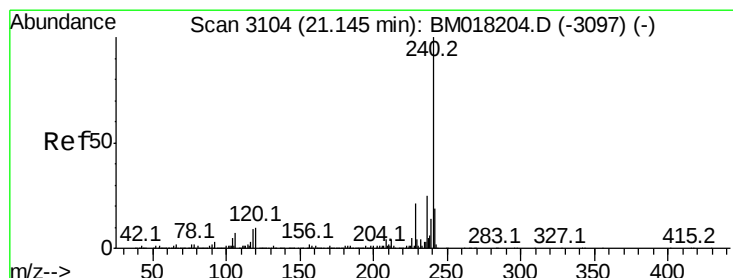
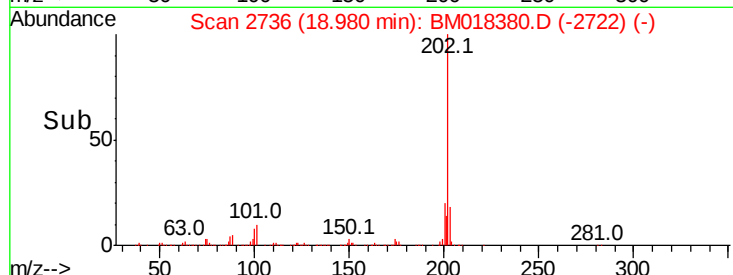
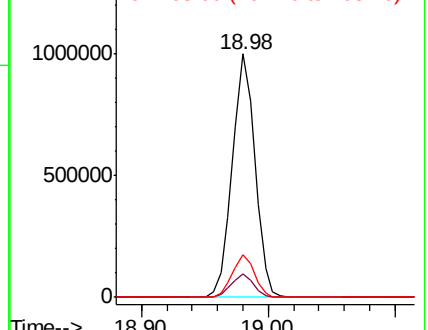
202 100

101 9.7 0.0 30.5

203 17.7 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

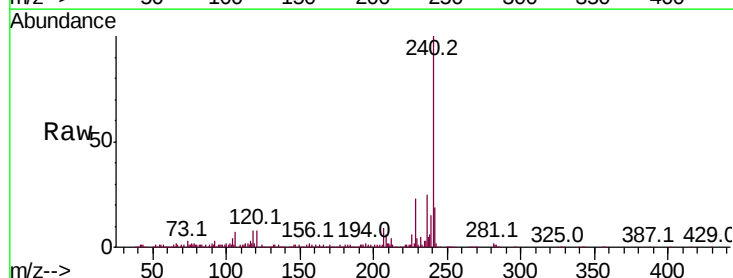
Tgt Ion:240 Resp: 466329

Ion Ratio Lower Upper

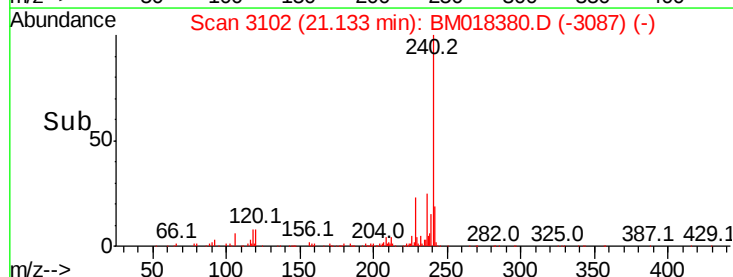
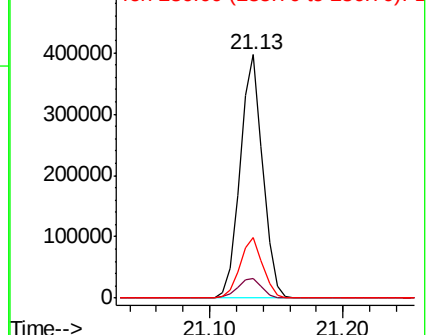
240 100

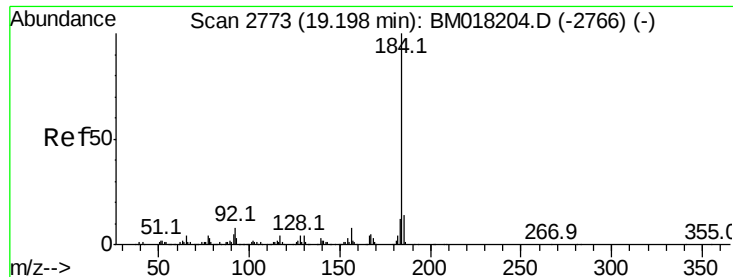
120 7.8 8.2 12.2#

236 25.0 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.950 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

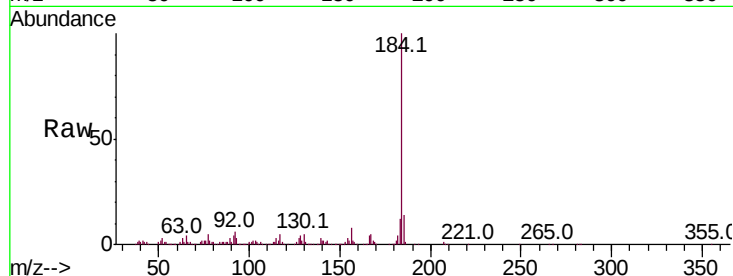
Tot Ion:184 Resp: 472417

Ion Ratio Lower Upper

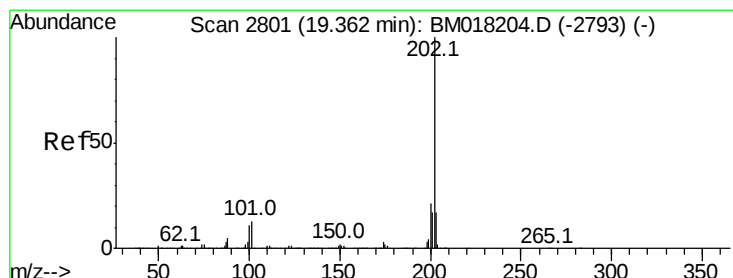
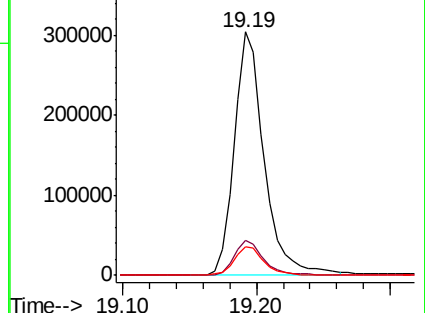
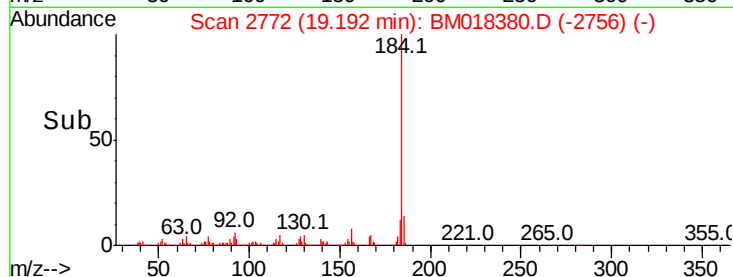
184 100

185 14.2 11.4 17.2

183 11.8 9.7 14.5



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



#78

Pyrene

Concen: 45.093 ng

RT: 19.35 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

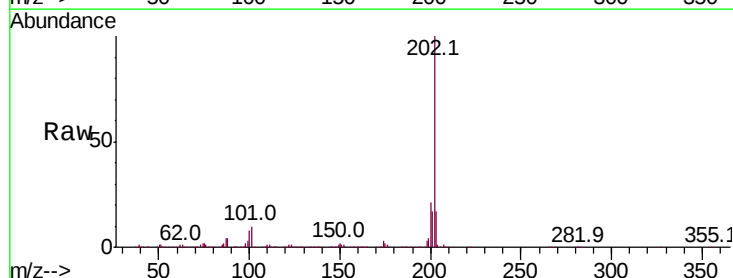
Tgt Ion:202 Resp: 1252974

Ion Ratio Lower Upper

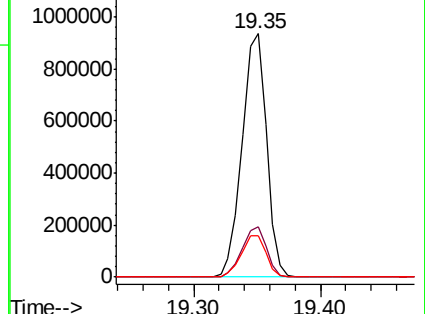
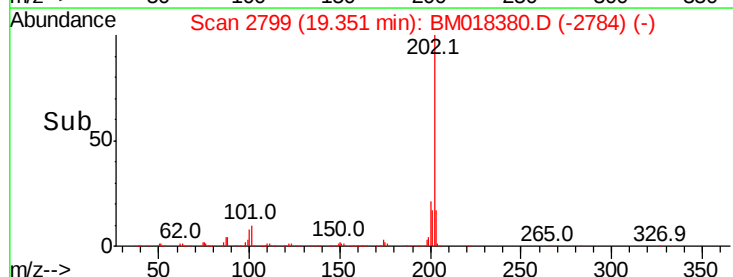
202 100

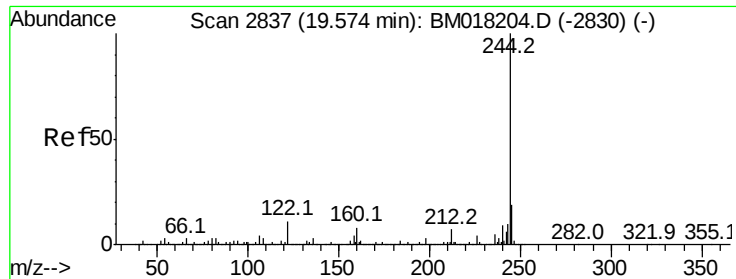
200 20.8 16.5 24.7

203 17.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.419 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampled :

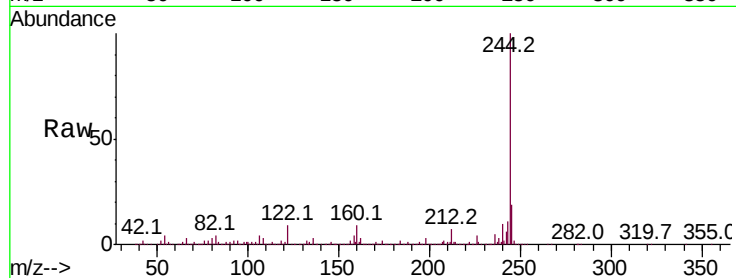
Tot Ion:244 Resp: 1988068

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

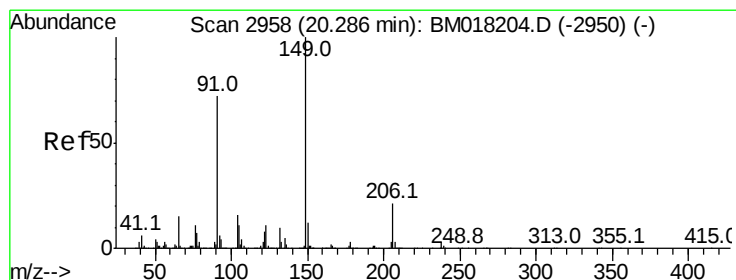
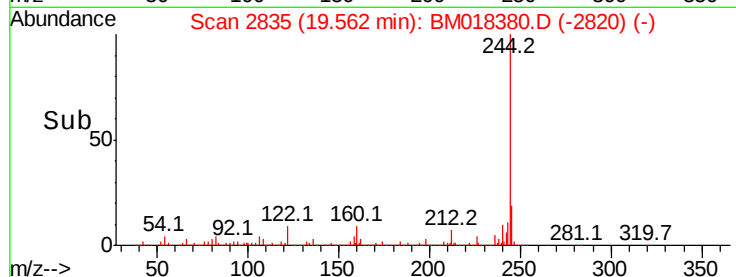
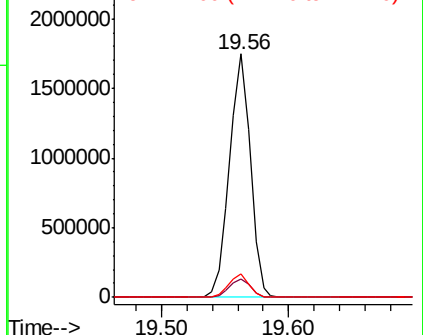
122 9.4 9.0 13.6



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: 45.707 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

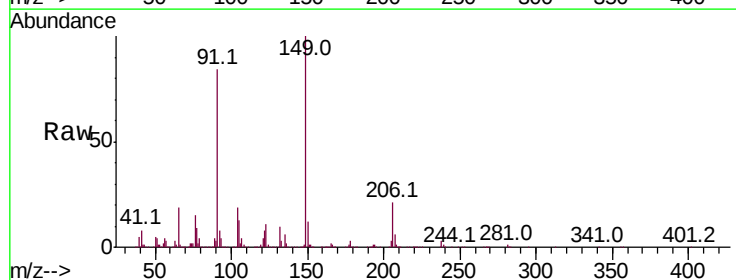
Tgt Ion:149 Resp: 604193

Ion Ratio Lower Upper

149 100

91 83.9 57.4 86.2

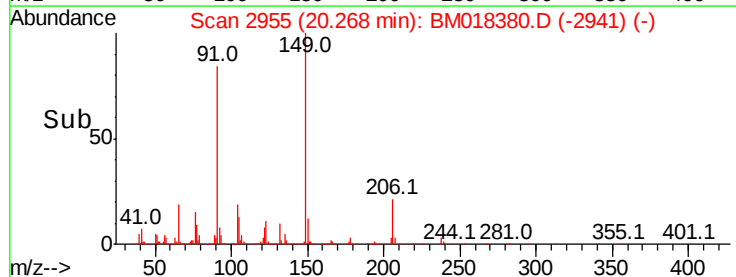
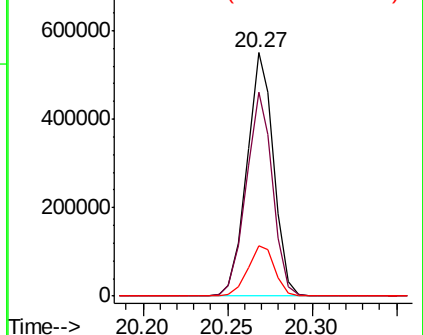
206 20.5 17.0 25.4

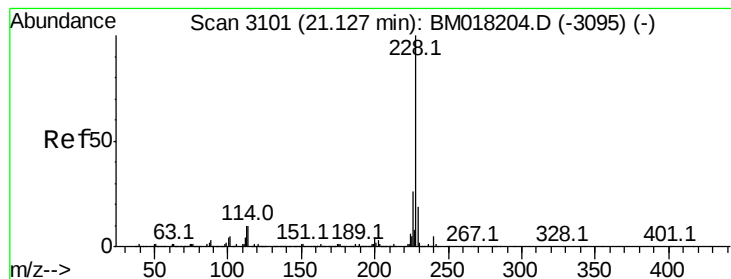


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.084 ng

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

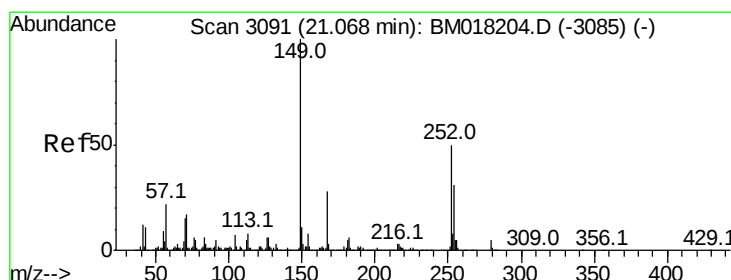
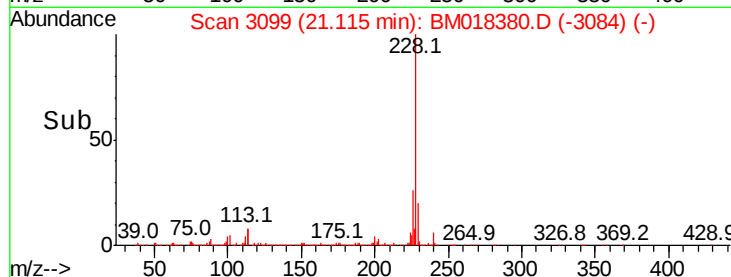
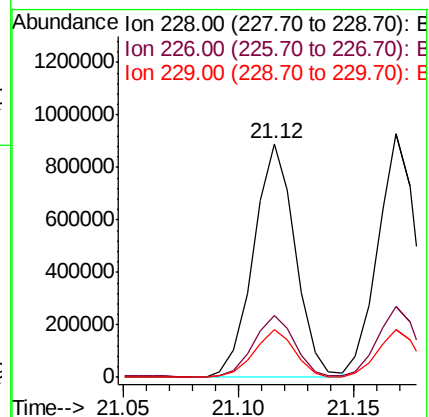
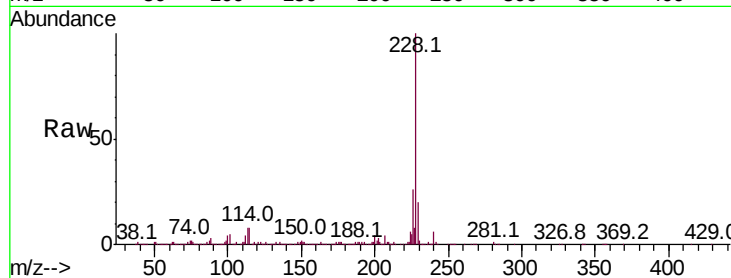
Tot Ion:228 Resp: 1119166

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.0	31.4
229	20.3	15.5	23.3

228 100

226 26.5 21.0 31.4

229 20.3 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 42.811 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

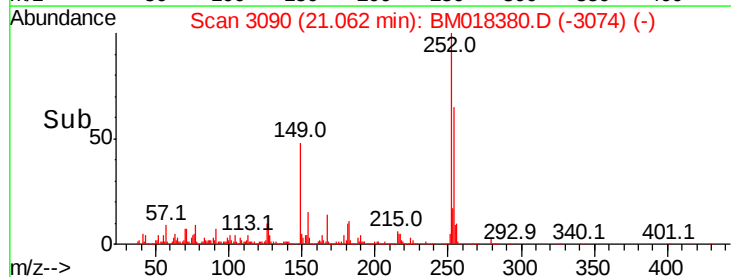
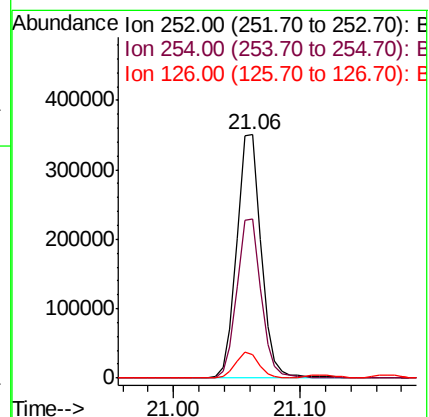
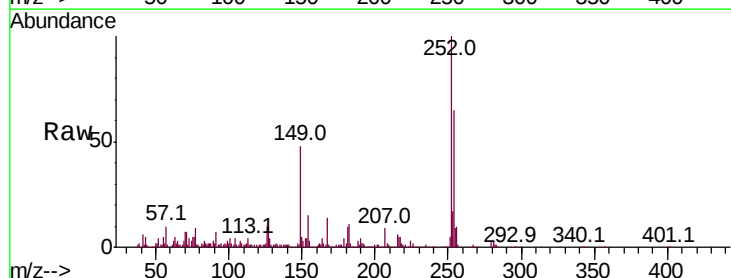
Tgt Ion:252 Resp: 465907

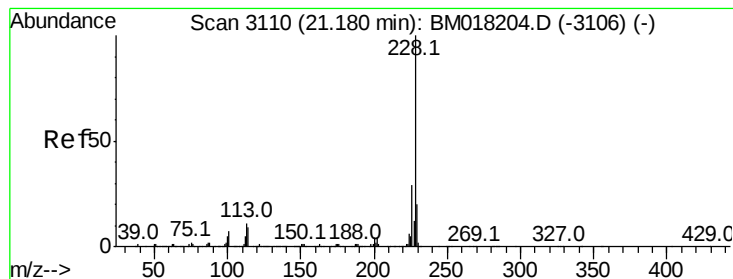
Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.4	75.6
126	9.7	9.4	14.0

252 100

254 65.4 50.4 75.6

126 9.7 9.4 14.0





#83

Chrysene

Concen: 40.569 ng

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

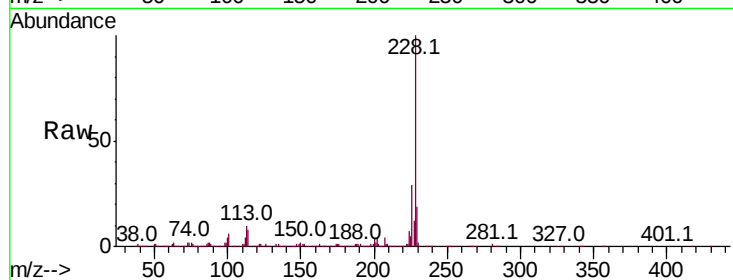
Tot Ion:228 Resp: 1062968

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.1	34.7
229	19.4	15.8	23.6

228 100

226 28.8 23.1 34.7

229 19.4 15.8 23.6

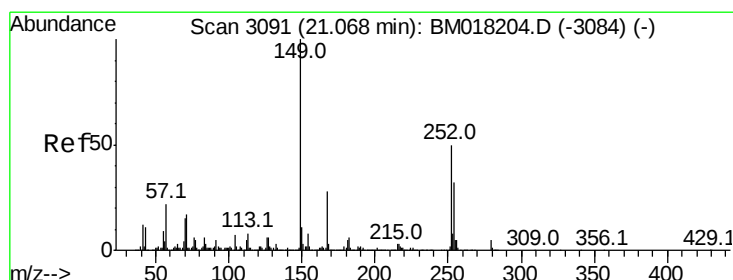
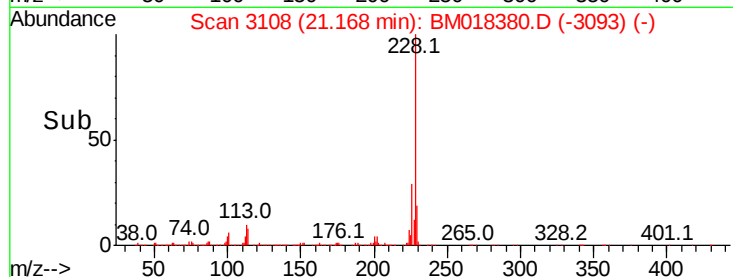
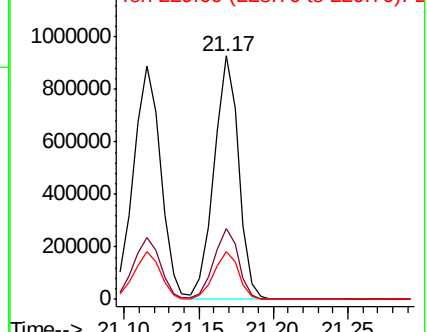


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.623 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

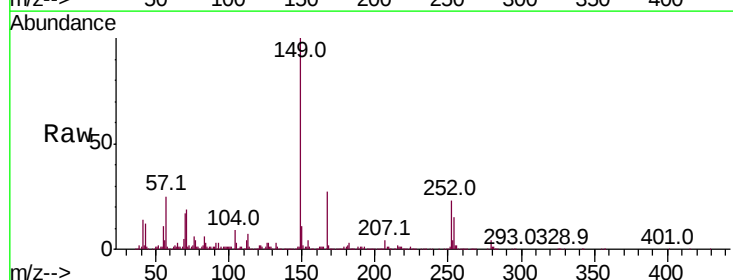
Tgt Ion:149 Resp: 918502

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.7	34.1
279	4.3	3.9	5.9

149 100

167 26.9 22.7 34.1

279 4.3 3.9 5.9

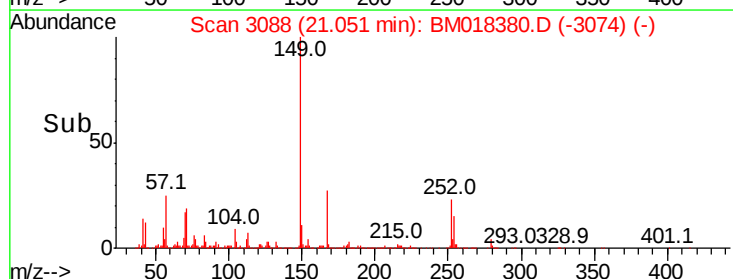
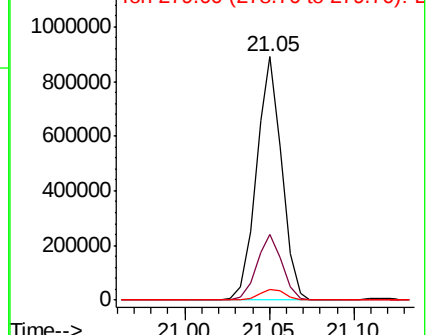


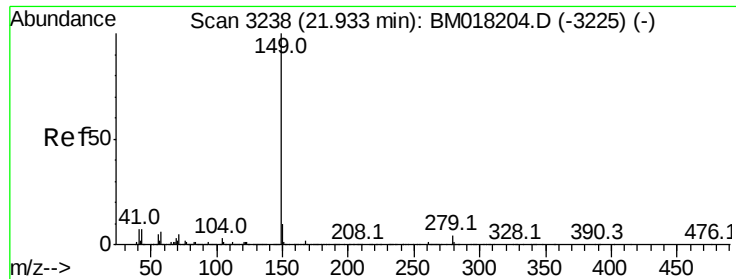
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.336 ng

RT: 21.92 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

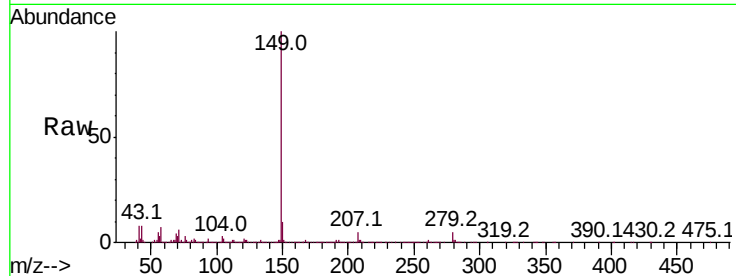
Tot Ion:149 Resp: 1430470

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

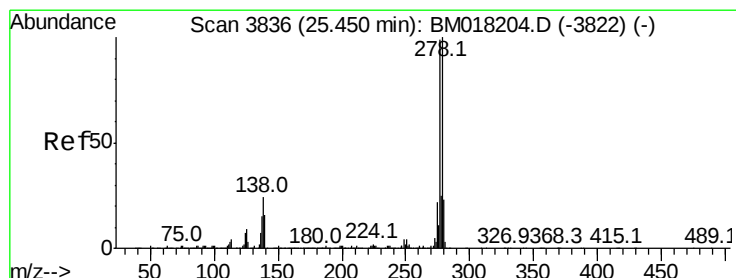
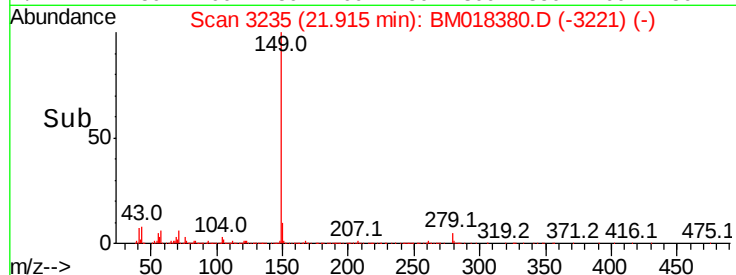
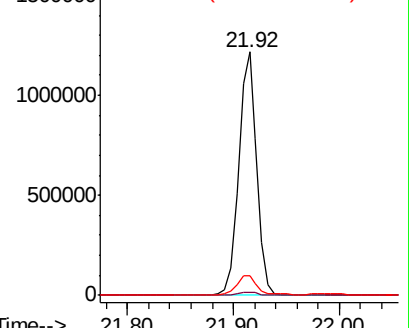
43 8.6 6.2 9.4



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.885 ng

RT: 25.43 min Scan# 3833

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

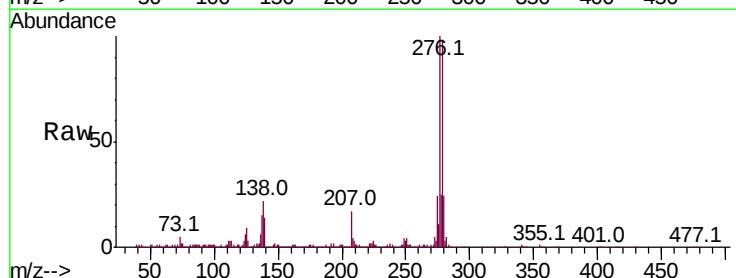
Tgt Ion:276 Resp: 1354188

Ion Ratio Lower Upper

276 100

138 20.9 18.6 28.0

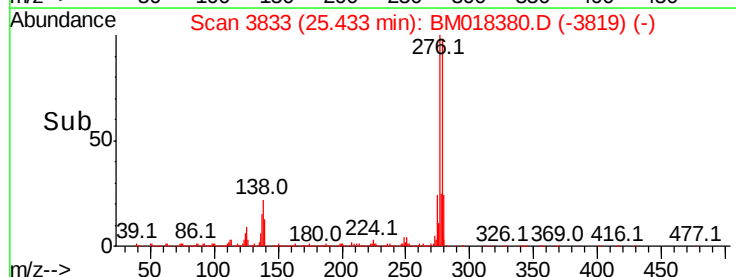
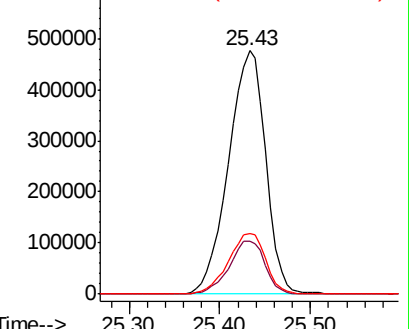
277 25.1 20.3 30.5

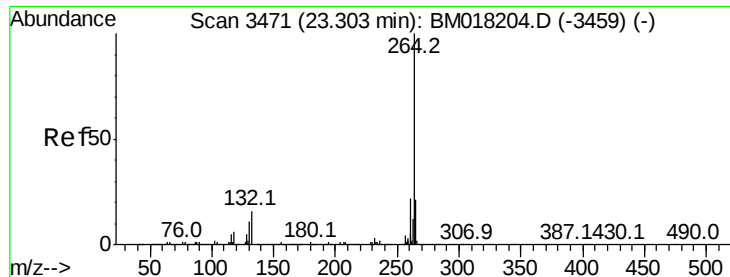


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Instrument :

BNA_M

ClientSampleId :

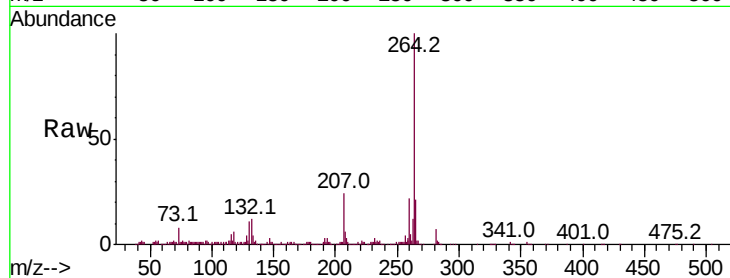
Tot Ion:264 Resp: 494458

Ion Ratio Lower Upper

264 100

260 22.4 17.5 26.3

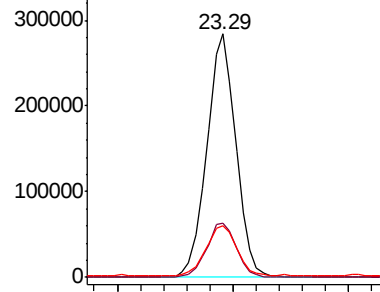
265 21.2 17.3 25.9



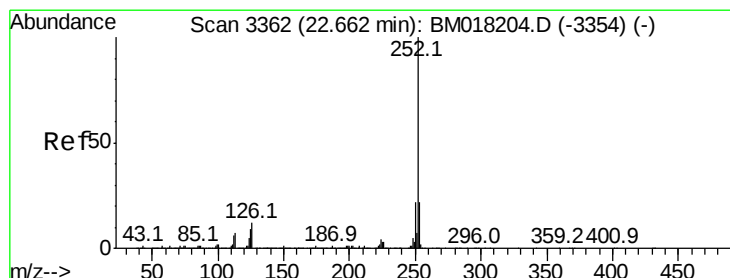
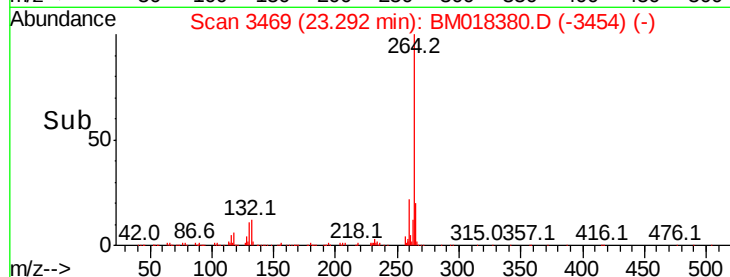
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 41.120 ng

RT: 22.65 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

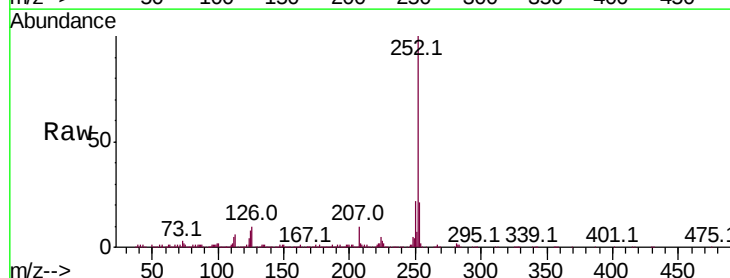
Tgt Ion:252 Resp: 1142094

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

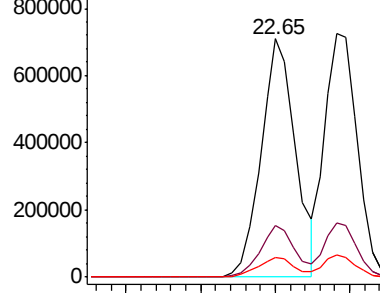
125 8.4 7.4 11.0



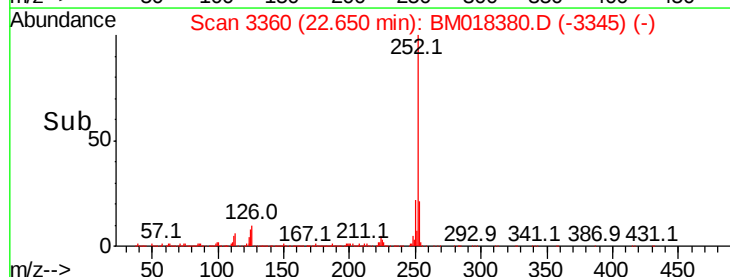
Abundance Ion 252.00 (251.70 to 252.70): E

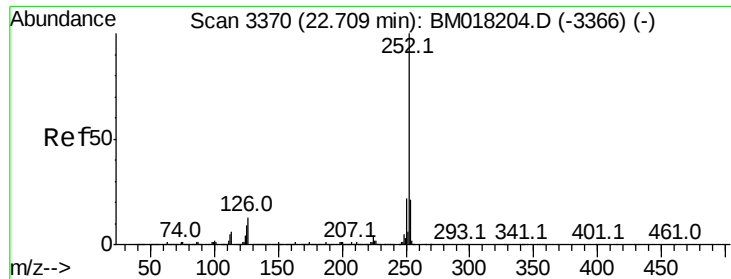
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

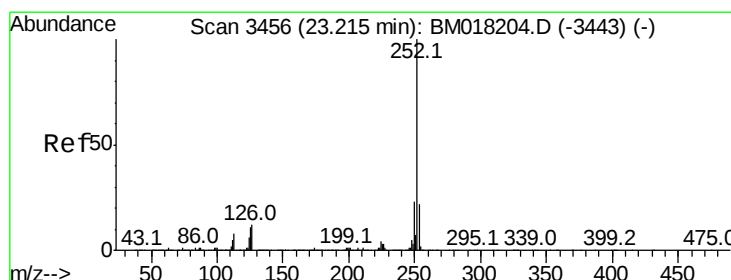
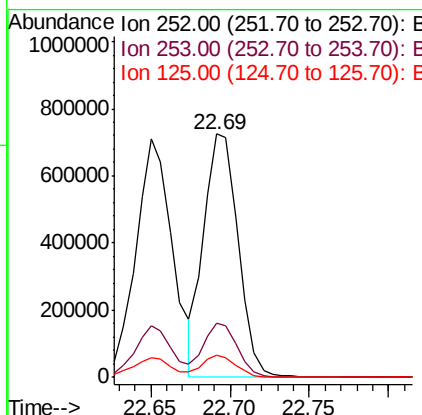
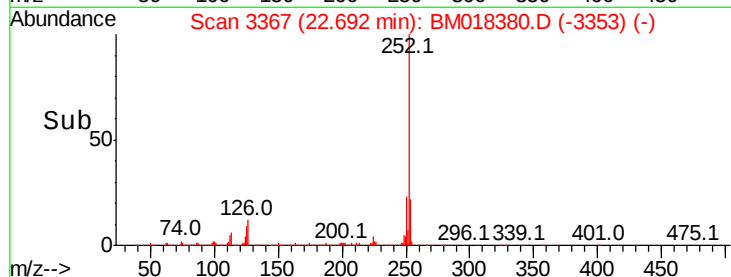
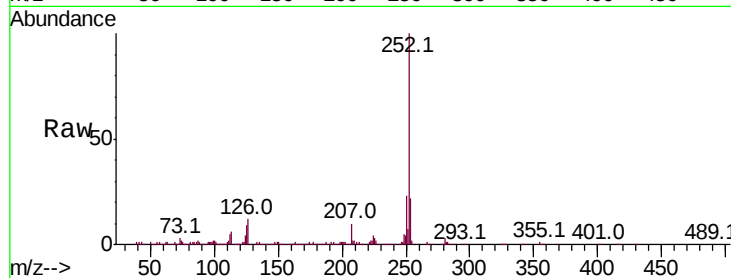




#89
Benzo(k)fluoranthene
Concen: 39.460 ng
RT: 22.69 min Scan# 3367
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

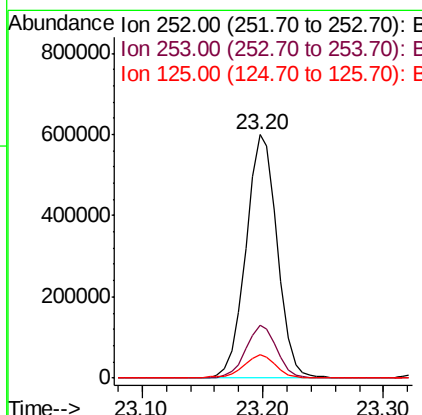
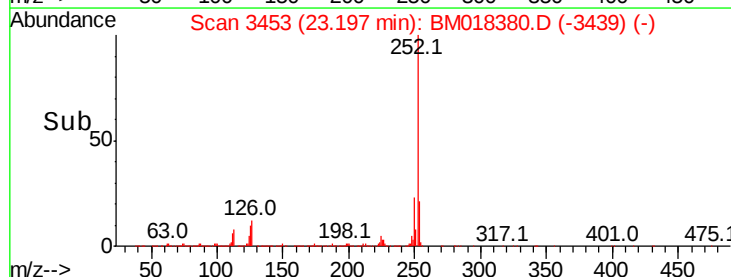
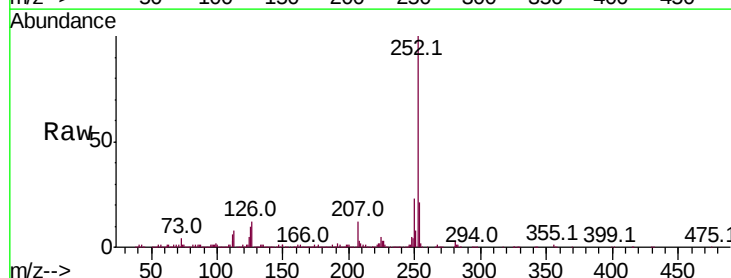
Instrument :
BNA_M
ClientSampled :

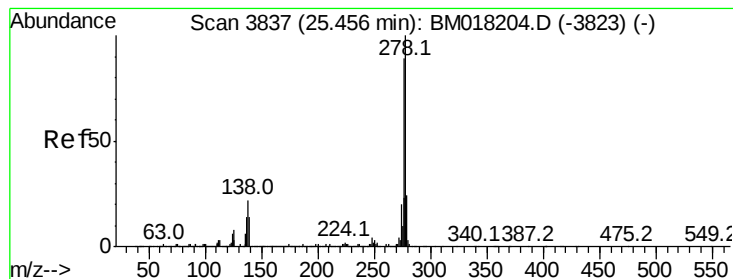
Tot Ion:252 Resp: 1091509
Ion Ratio Lower Upper
252 100
253 22.2 16.9 25.3
125 9.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 40.784 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BM018380.D
Acq: 22 Dec 2018 12:31

Tgt Ion:252 Resp: 1077361
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.7 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 47.213 ng

RT: 25.44 min Scan# 3834

Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

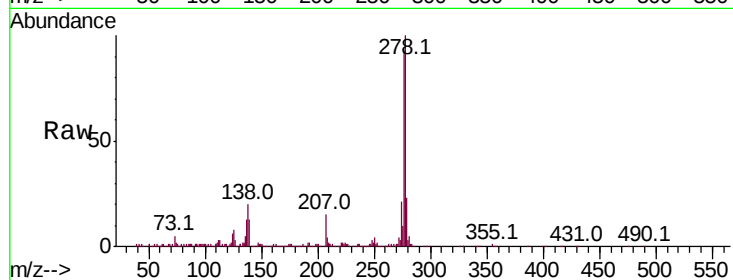
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1155310

Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.6	17.4
279	23.2	19.2	28.8

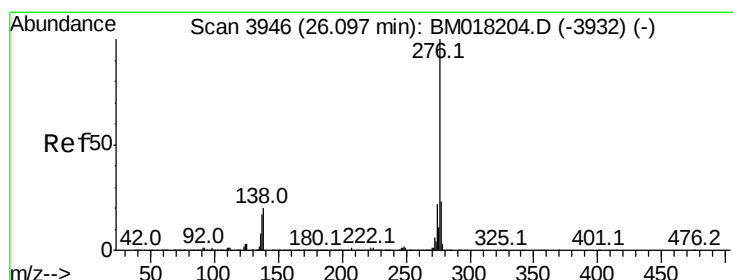
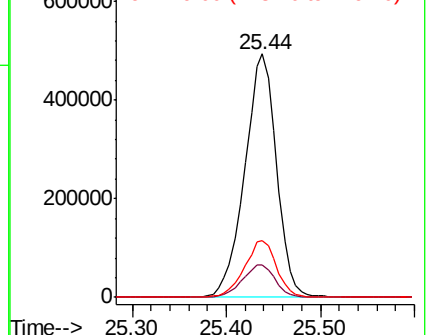
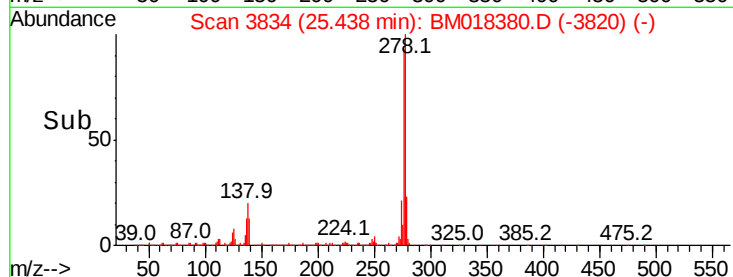


Abundance

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: 47.750 ng

RT: 26.08 min Scan# 3943

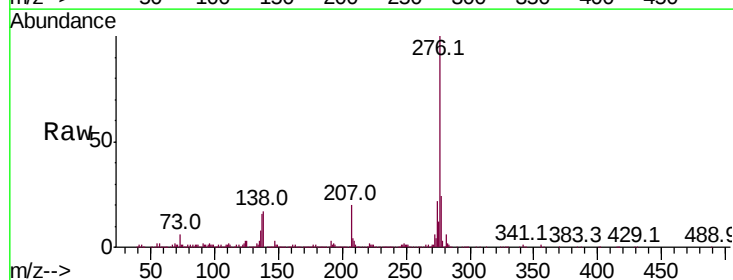
Delta R.T. -0.02 min

Lab File: BM018380.D

Acq: 22 Dec 2018 12:31

Tgt Ion:276 Resp: 1104521

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	17.2	15.8	23.8



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

