

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
 Data File : BM021063.D
 Acq On : 20 Jun 2019 13:13
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 20 13:50:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 12:21:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	259295	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1172944	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	765035	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1819392	20.00	ng	0.00
76) Chrysene-d12	21.36	240	1614500	20.00	ng	0.00
87) Perylene-d12	23.63	264	1430215	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	2404848	163.15	ng	0.00
7) Phenol-d6	6.96	99	3566607	164.32	ng	0.01
23) Nitrobenzene-d5	8.95	82	3694873	163.21	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	2491721	262.88	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	10083448	175.23	ng	0.00
79) Terphenyl-d14	19.80	244	12862143	133.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	440559	73.000	ng	99
3) Pyridine	3.72	79	1310593	68.255	ng	100
4) n-Nitrosodimethylamine	3.63	42	522233	63.092	ng	99
6) Aniline	7.13	93	2360281	75.155	ng	99
8) 2-Chlorophenol	7.35	128	1490673	81.290	ng	99
9) Benzaldehyde	6.93	77	683584	55.633	ng	99
10) Phenol	6.99	94	1832285	78.335	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	1424741	76.431	ng	99
12) 1,3-Dichlorobenzene	7.67	146	1774297	84.188	ng	99
13) 1,4-Dichlorobenzene	7.82	146	1793859	83.726	ng	99
14) 1,2-Dichlorobenzene	8.13	146	1769445	84.864	ng	99
15) Benzyl Alcohol	8.03	79	1462498	76.166	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	1807875	62.818	ng	99
17) 2-Methylphenol	8.22	107	1304918	79.337	ng	99
18) Hexachloroethane	8.85	117	651887	79.469	ng	97
19) n-Nitroso-di-n-propylamine	8.60	70	1281044	73.424	ng	99
20) 3+4-Methylphenols	8.56	107	1802909	80.566	ng	99
22) Acetophenone	8.61	105	2476300	83.106	ng	# 99
24) Nitrobenzene	8.99	77	1837507	79.508	ng	99
25) Isophorone	9.52	82	3519510	78.156	ng	99
26) 2-Nitrophenol	9.69	139	945913	109.820	ng	98
27) 2,4-Dimethylphenol	9.75	122	1294774	80.222	ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	2148681	78.914	ng	100
29) 2,4-Dichlorophenol	10.22	162	1750447	98.026	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	2016321	98.200	ng	99
31) Naphthalene	10.62	128	5123133	84.937	ng	100
32) Benzoic acid	9.96	122	1022957	113.200	ng	99
33) 4-Chloroaniline	10.75	127	2358286	84.012	ng	99
34) Hexachlorobutadiene	10.89	225	1267448	102.878	ng	99
35) Caprolactam	11.59	113	452747	72.982	ng	93
36) 4-Chloro-3-methylphenol	11.87	107	1771970	85.349	ng	98
37) 2-Methylnaphthalene	12.23	142	3964442	88.674	ng	99
38) 1-Methylnaphthalene	12.46	142	3752866	88.157	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	2425434	96.743	ng	99

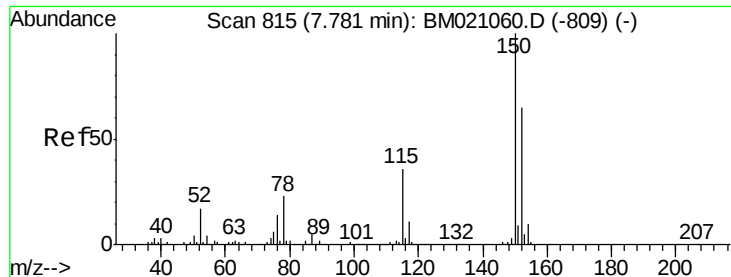
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
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 QLast Update : Thu Jun 20 12:21:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	1372211	91.516	ng	100
43) 2,4,6-Trichlorophenol	12.85	196	1631993	101.129	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	1688561	101.352	ng	98
46) 1,1'-Biphenyl	13.26	154	5368528	84.023	ng	100
47) 2-Chloronaphthalene	13.30	162	4389390	85.119	ng	100
48) 2-Nitroaniline	13.52	65	1248488	77.138	ng	99
49) Acenaphthylene	14.15	152	6705950	83.344	ng	99
50) Dimethylphthalate	13.90	163	5656621	86.545	ng	100
51) 2,6-Dinitrotoluene	14.02	165	1249863	94.176	ng	99
52) Acenaphthene	14.49	154	4051702	84.499	ng	99
53) 3-Nitroaniline	14.35	138	1297254	87.574	ng	97
54) 2,4-Dinitrophenol	14.56	184	813059	173.449	ng	95
55) Dibenzofuran	14.83	168	6592775	88.527	ng	100
56) 4-Nitrophenol	14.66	139	998368	91.459	ng	98
57) 2,4-Dinitrotoluene	14.81	165	1760493	99.071	ng	98
58) Fluorene	15.47	166	5435981	88.761	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	1601877	110.341	ng	99
60) Diethylphthalate	15.26	149	5555021	82.407	ng	98
61) 4-Chlorophenyl-phenylether	15.47	204	3087261	95.208	ng	99
62) 4-Nitroaniline	15.53	138	1323398	84.237	ng	99
63) Azobenzene	15.77	77	4578575	70.847	ng	99
65) 4,6-Dinitro-2-methylphenol	15.57	198	1041114	138.473	ng	97
66) n-Nitrosodiphenylamine	15.69	169	4761673	81.755	ng	100
67) 4-Bromophenyl-phenylether	16.37	248	2062167	96.266	ng	98
68) Hexachlorobenzene	16.47	284	2446494	97.805	ng	98
69) Atrazine	16.64	200	1372045	78.931	ng	99
70) Pentachlorophenol	16.82	266	1362677	114.191	ng	100
71) Phenanthrene	17.22	178	8642393	83.802	ng	98
72) Anthracene	17.31	178	8581274	83.136	ng	98
73) Carbazole	17.59	167	7694729	82.149	ng	100
74) Di-n-butylphthalate	18.14	149	9485157	78.008	ng	99
75) Fluoranthene	19.23	202	10155192	88.546	ng	98
77) Benzidine	19.42	184	3196706	65.344	ng	100
78) Pyrene	19.60	202	10219586	82.486	ng	98
80) Butylbenzylphthalate	20.50	149	4127409	78.831	ng	97
81) Benzo(a)anthracene	21.34	228	9163200	81.500	ng	97
82) 3,3'-Dichlorobenzidine	21.28	252	3352380	81.425	ng	99
83) Chrysene	21.40	228	8713604	81.532	ng	97
84) Bis(2-ethylhexyl)phthalate	21.27	149	5764024	75.747	ng	97
85) Di-n-octyl phthalate	22.16	149	8893865	73.617	ng	100
86) Indeno(1,2,3-cd)pyrene	25.96	276	9074265	82.994	ng	100
88) Benzo(b)fluoranthene	22.96	252	8303043	87.836	ng	99
89) Benzo(k)fluoranthene	23.00	252	8303573	89.887	ng	99
90) Benzo(a)pyrene	23.54	252	7623314	88.910	ng	99
91) Dibenzo(a,h)anthracene	25.96	278	7550355	90.766	ng	99
92) Benzo(g,h,i)perylene	26.66	276	7065369	91.442	ng	99

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

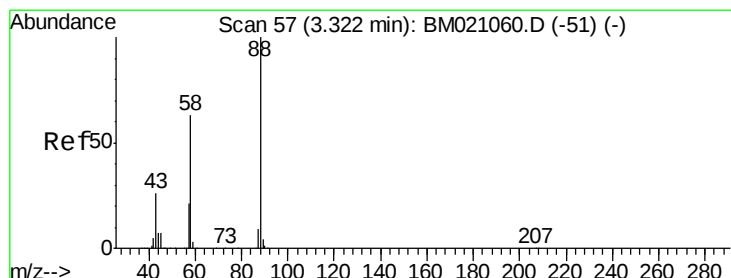
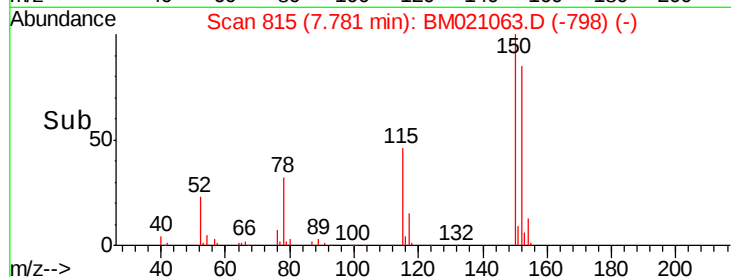
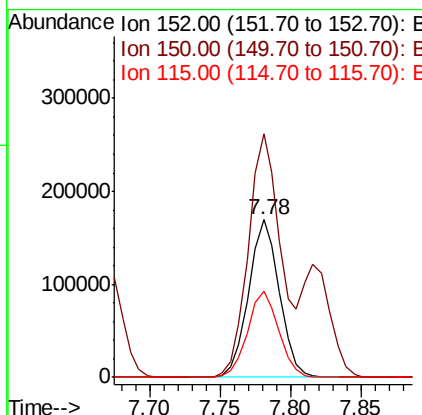
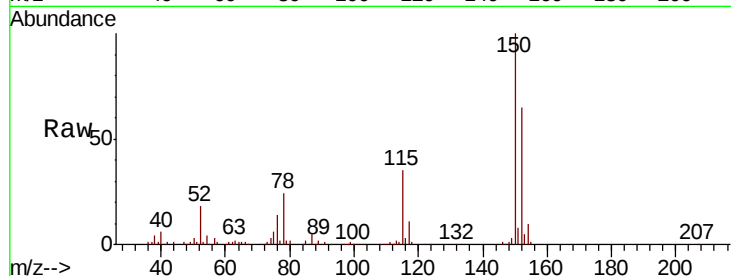


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.00 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Instrument :
BNA_M
ClientSampleId :

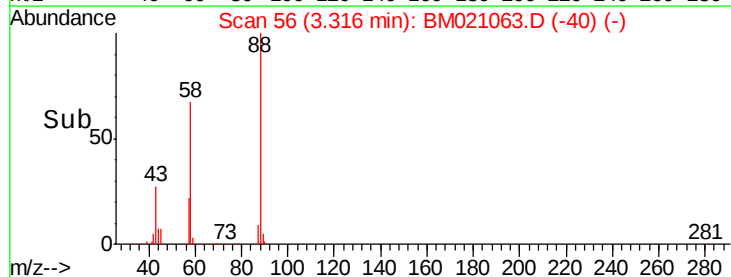
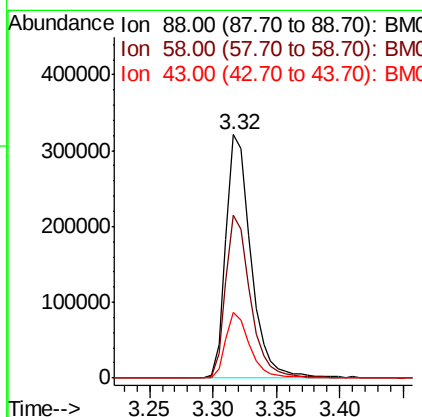
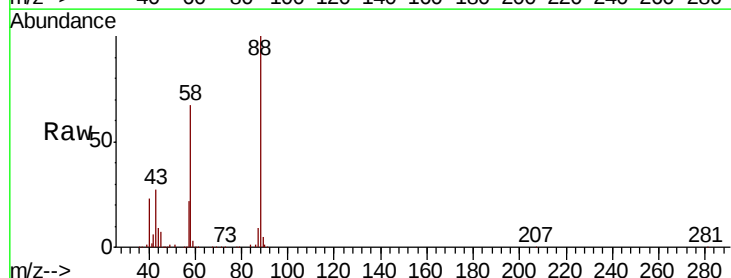
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.1	184.7
115	54.4	44.2	66.4

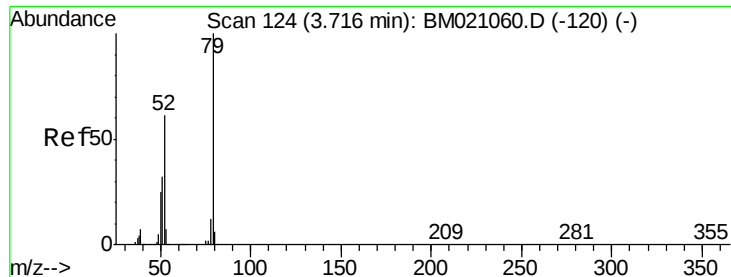


#2

1,4-Dioxane
Concen: 73.000 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.1	51.9	77.9
43	26.2	21.4	32.2





#3

Pvridine

Concen: 68.255 ng

RT: 3.72 min Scan# 124

Delta R.T. -0.00 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

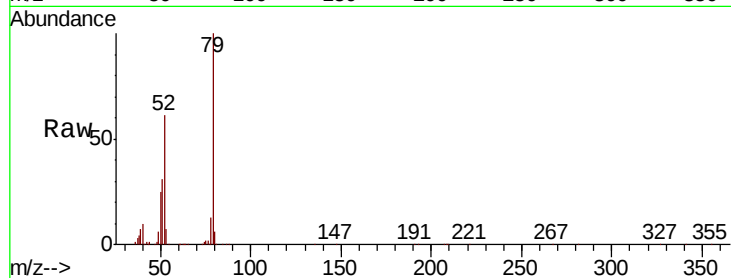
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 79 Resp: 1310593

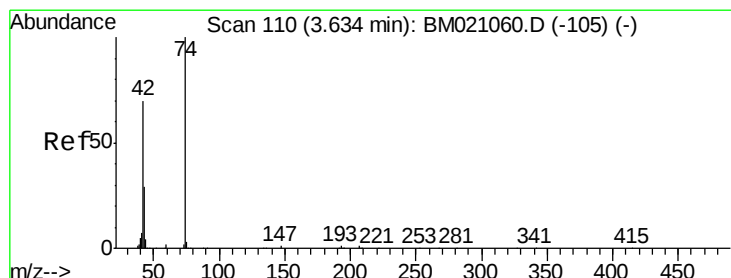
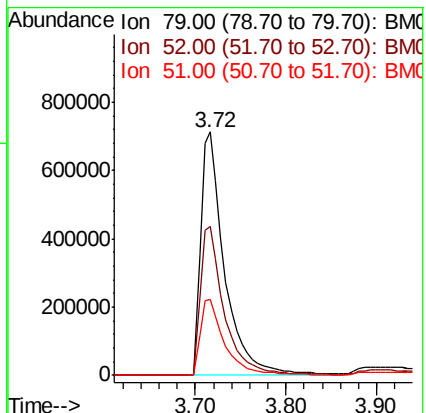
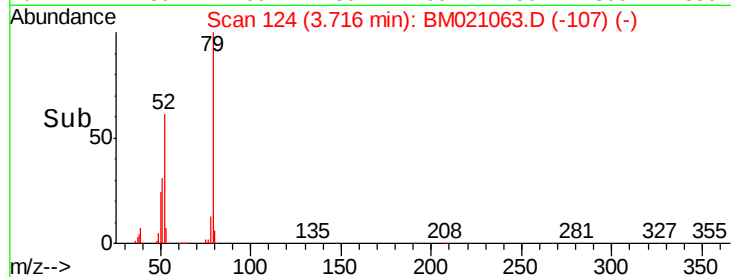
Ion	Ratio	Lower	Upper
79	100		
52	61.0	48.8	73.2
51	31.4	25.7	38.5



Abundance Ion 79.00 (78.70 to 79.70): BM021063.D (-120) (-)

Ion 52.00 (51.70 to 52.70): BM021063.D (-120) (-)

Ion 51.00 (50.70 to 51.70): BM021063.D (-120) (-)



#4

n-Nitrosodimethylamine

Concen: 63.092 ng

RT: 3.63 min Scan# 110

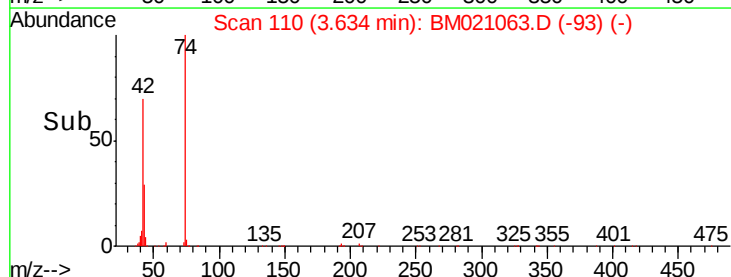
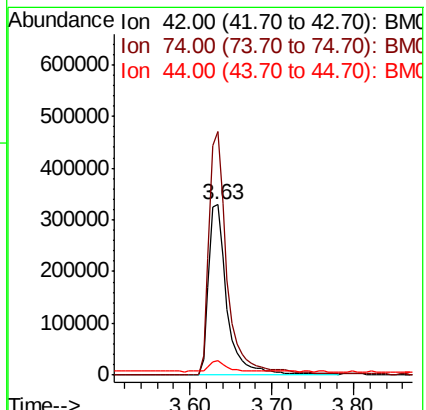
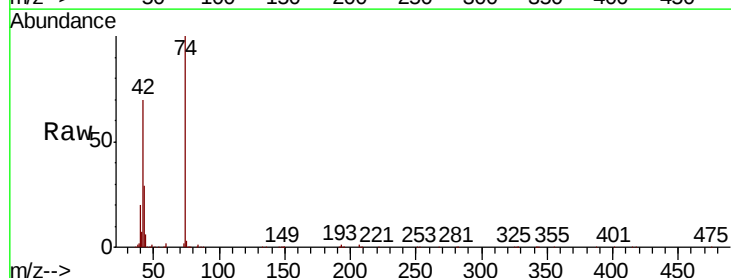
Delta R.T. -0.00 min

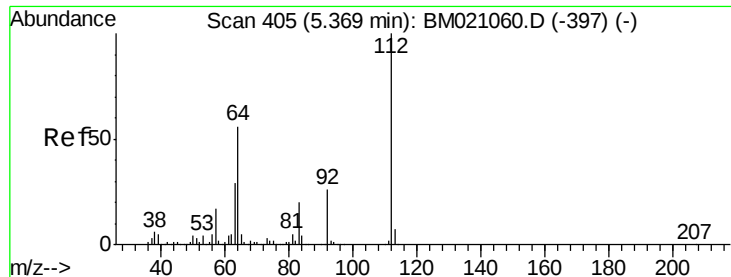
Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Tgt Ion: 42 Resp: 522233

Ion	Ratio	Lower	Upper
42	100		
74	142.7	113.8	170.6
44	8.3	8.2	12.2





#5

2-Fluorophenol

Concen: 163.146 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampled :

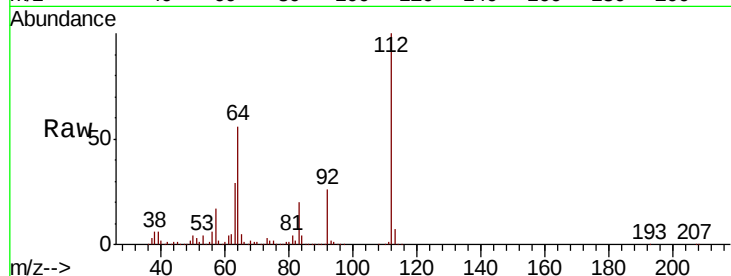
Tot Ion:112 Resp: 2404848

Ion Ratio Lower Upper

112 100

64 56.5 45.2 67.8

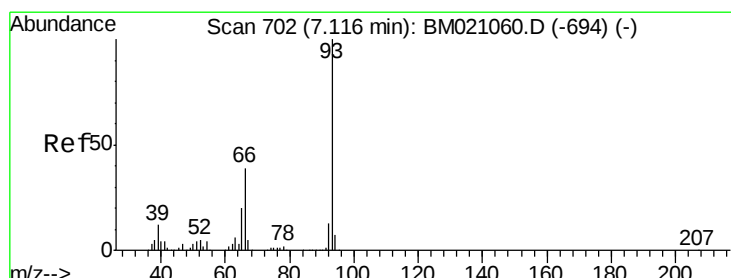
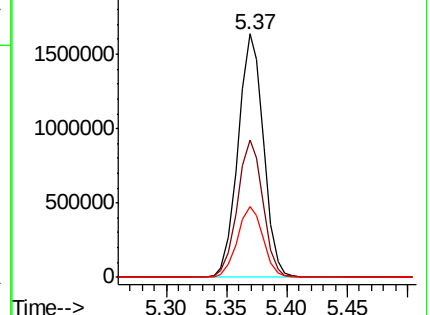
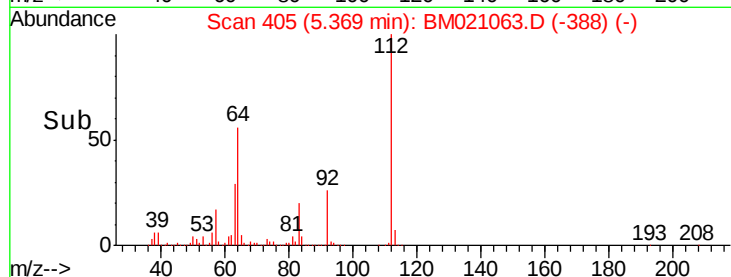
63 29.2 23.5 35.3



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: 75.155 ng

RT: 7.13 min Scan# 704

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

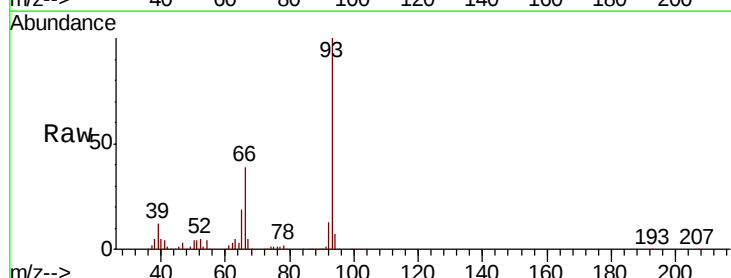
Tgt Ion: 93 Resp: 2360281

Ion Ratio Lower Upper

93 100

66 39.3 31.3 46.9

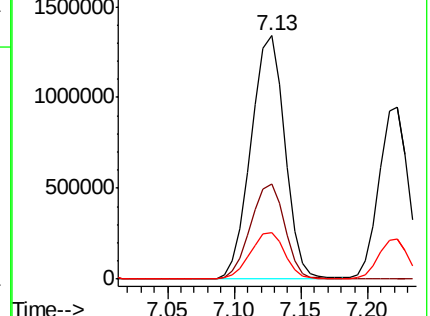
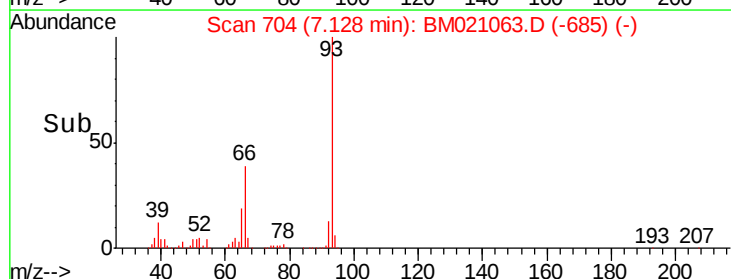
65 19.3 15.9 23.9

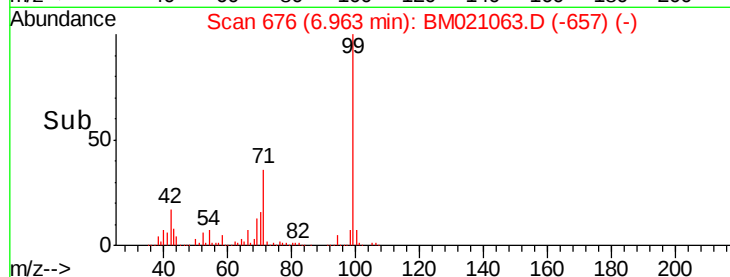
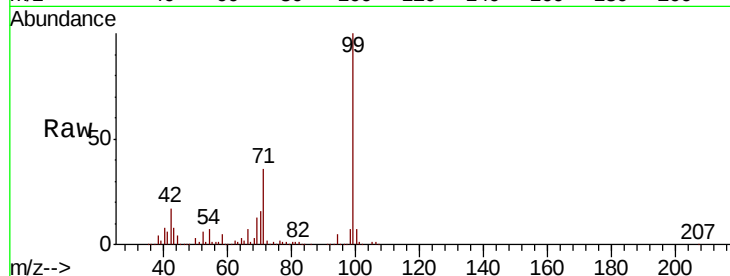
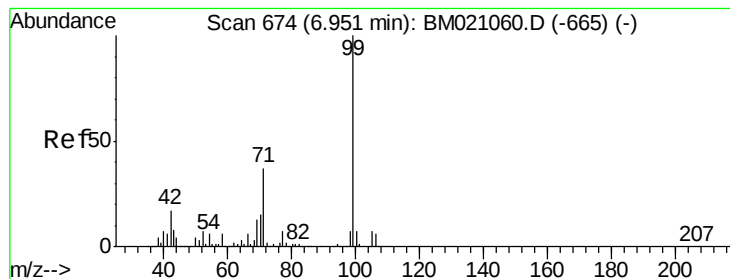


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 164.323 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

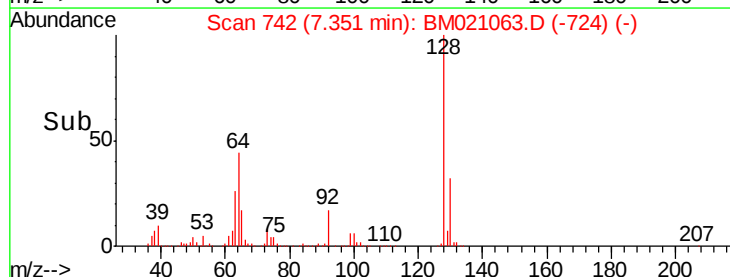
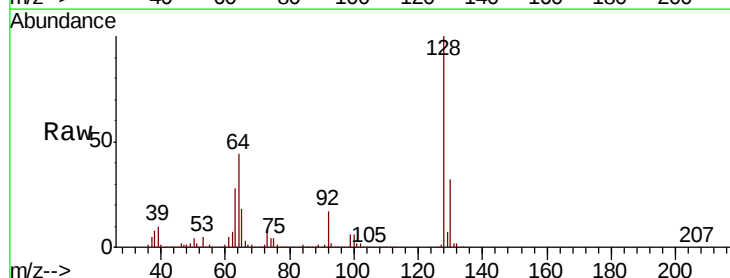
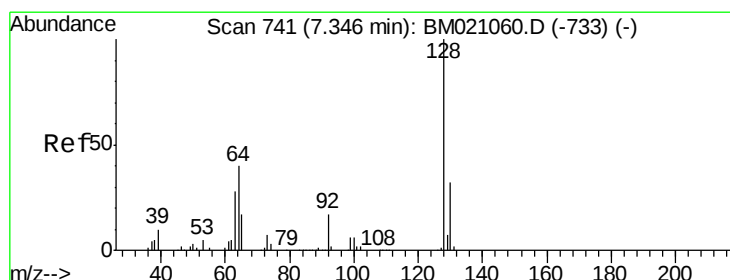
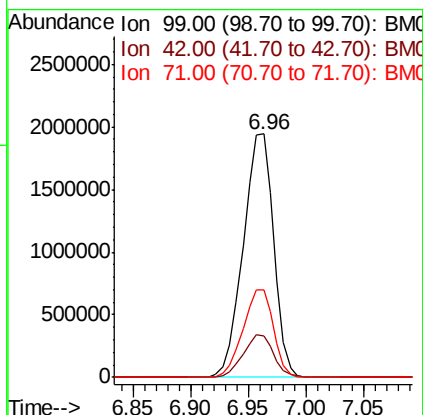
Tot Ion: 99 Resp: 3566607

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 36.0 29.3 43.9



#8

2-Chlorophenol

Concen: 81.290 ng

RT: 7.35 min Scan# 742

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

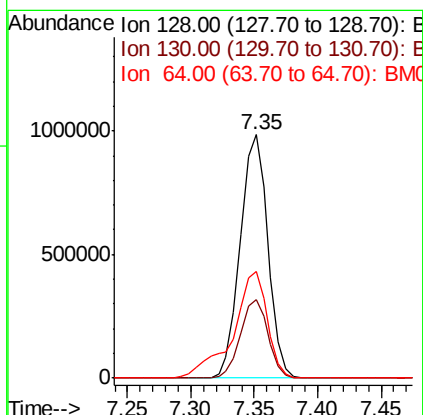
Tgt Ion:128 Resp: 1490673

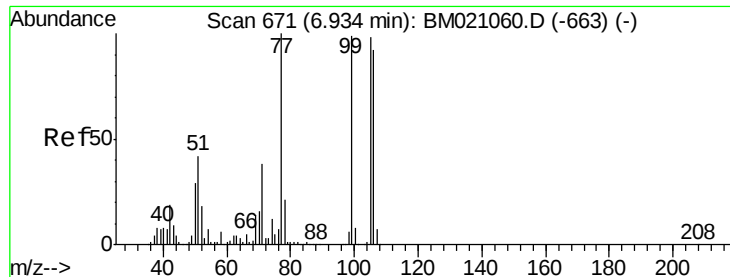
Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

64 43.9 23.2 63.2





#9

Benzaldehyde

Concen: 55.633 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

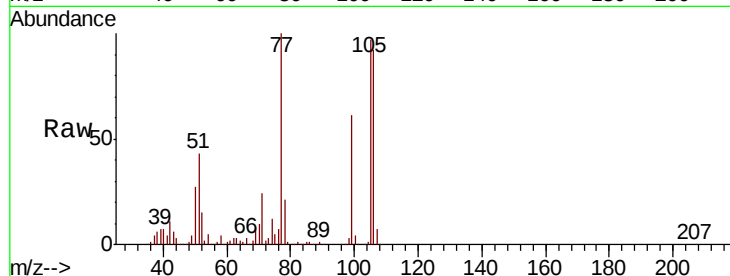
Tot Ion: 77 Resp: 683584

Ion Ratio Lower Upper

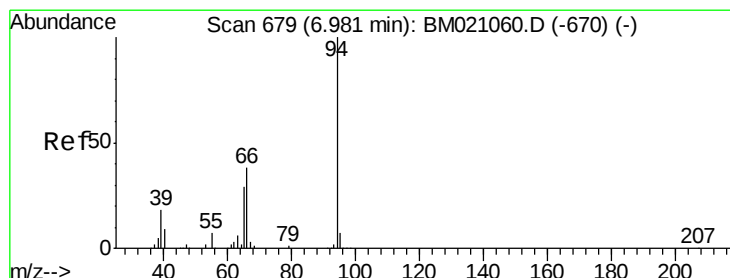
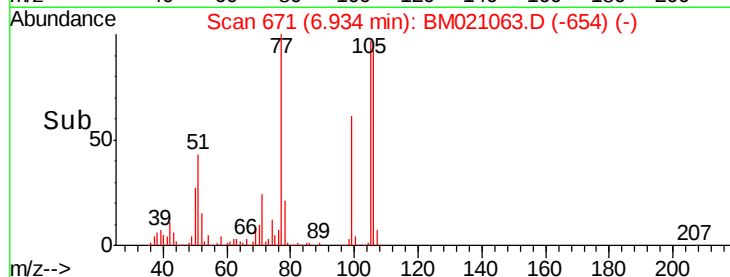
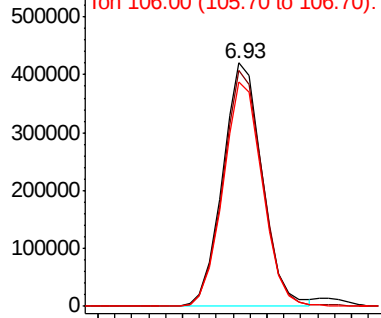
77 100

105 96.9 77.8 117.8

106 92.1 71.8 111.8



Abundance Ion 77.00 (76.70 to 77.70): BM021063.D (-654) (-)



#10

Phenol

Concen: 78.335 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

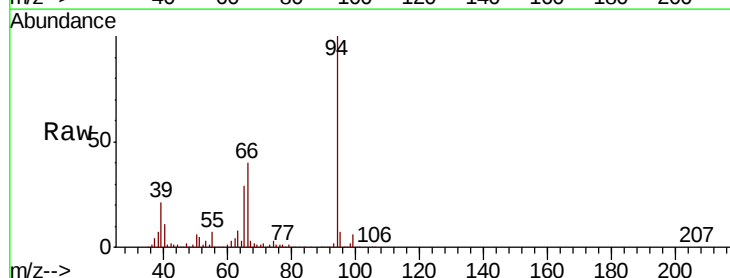
Tgt Ion: 94 Resp: 1832285

Ion Ratio Lower Upper

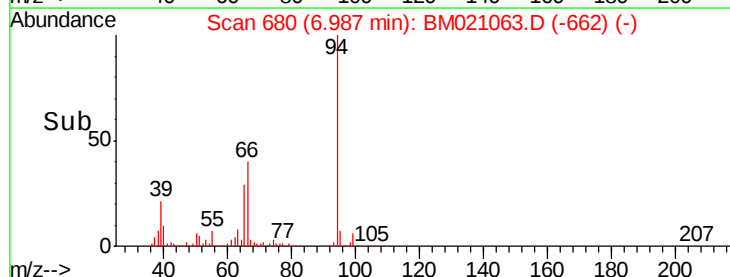
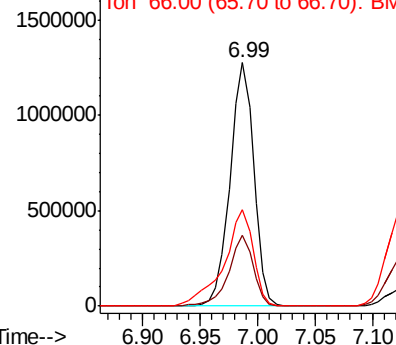
94 100

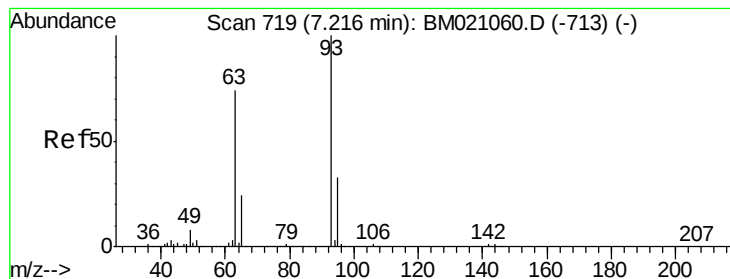
65 28.8 8.7 48.7

66 39.6 19.0 59.0



Abundance Ion 94.00 (93.70 to 94.70): BM021063.D (-662) (-)





#11

bis(2-Chloroethyl)ether

Concen: 76.431 ng

RT: 7.22 min Scan# 720

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

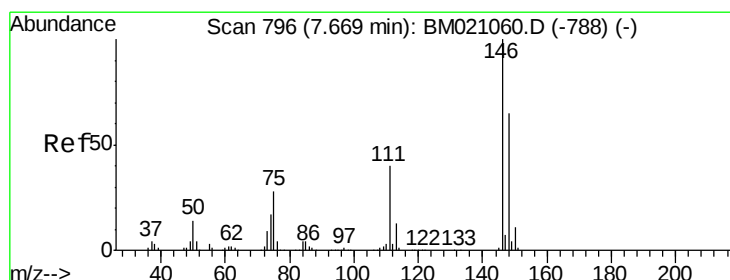
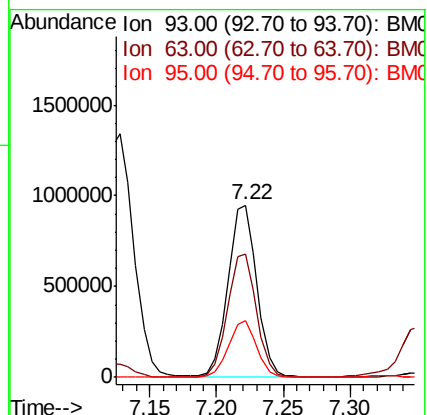
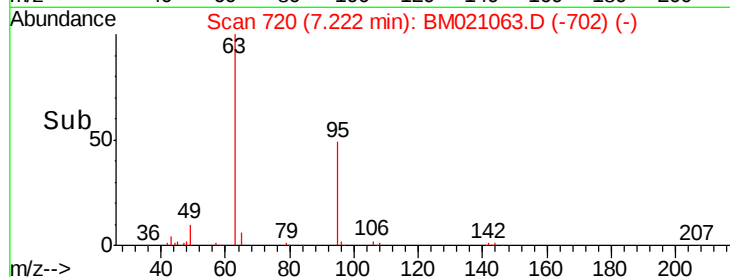
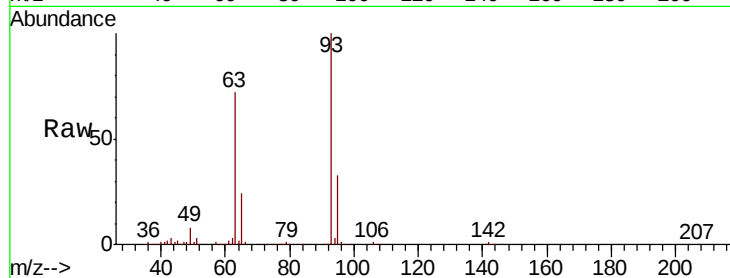
Tot Ion: 93 Resp: 1424741

Ion	Ratio	Lower	Upper
93	100		
63	71.8	53.4	93.4
95	32.9	13.0	53.0

93 100

63 71.8 53.4 93.4

95 32.9 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 84.188 ng

RT: 7.67 min Scan# 796

Delta R.T. -0.00 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

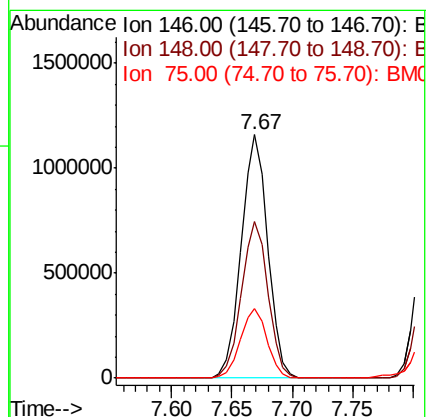
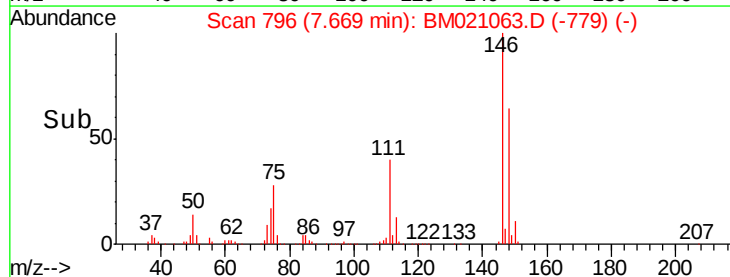
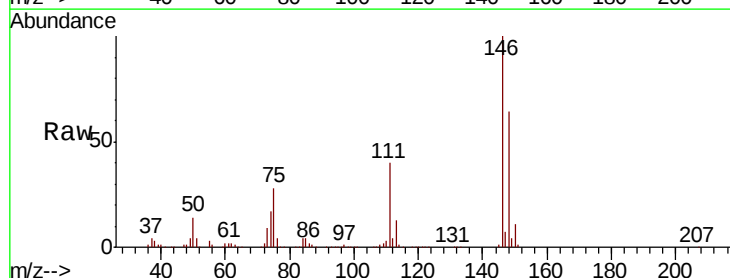
Tgt Ion: 146 Resp: 1774297

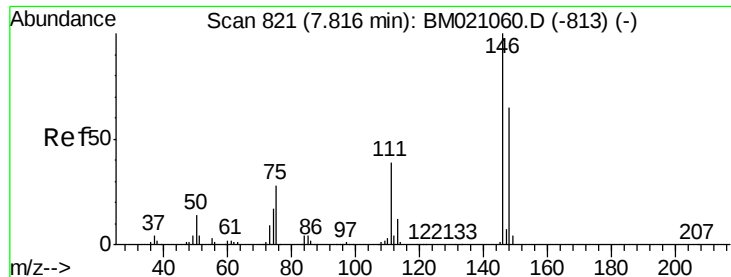
Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
75	28.4	22.2	33.4

146 100

148 64.2 52.2 78.2

75 28.4 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 83.726 ng

RT: 7.82 min Scan# 821

Delta R.T. -0.00 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

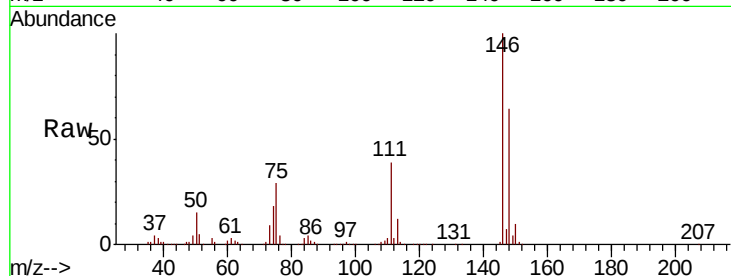
Tot Ion:146 Resp: 1793859

Ion Ratio Lower Upper

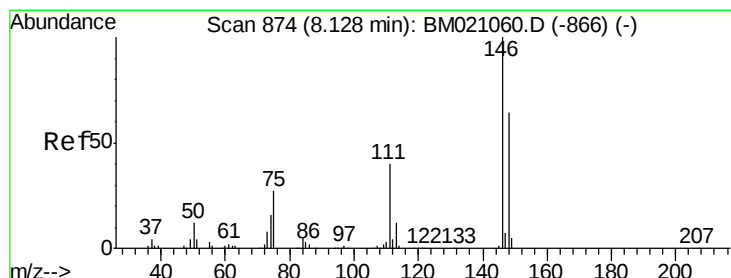
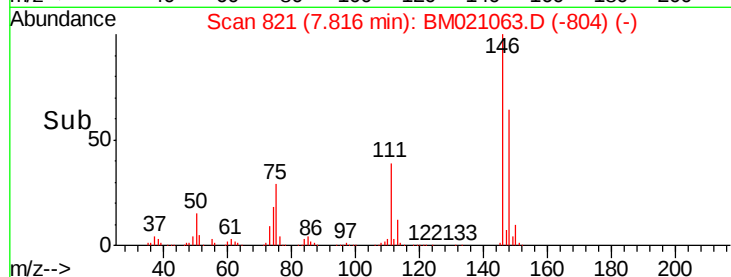
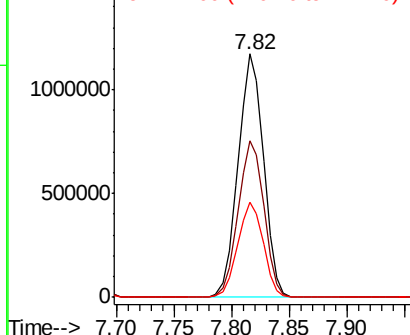
146 100

148 64.3 51.9 77.9

111 38.8 31.4 47.0



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: 84.864 ng

RT: 8.13 min Scan# 875

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

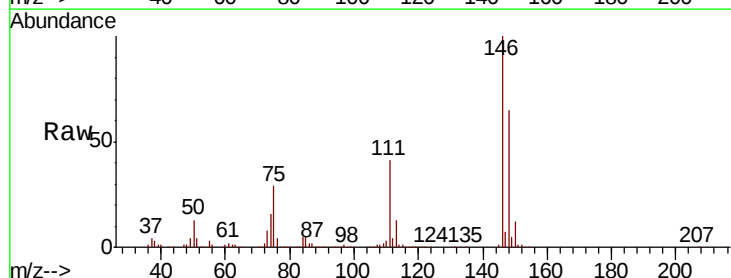
Tgt Ion:146 Resp: 1769445

Ion Ratio Lower Upper

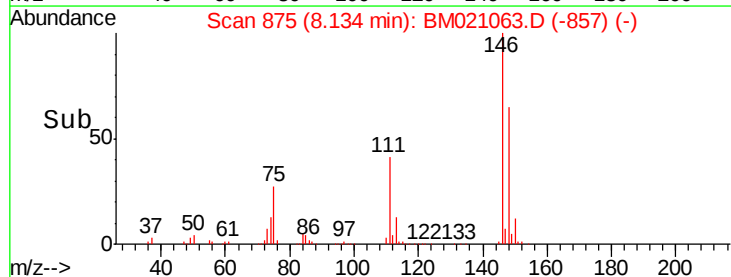
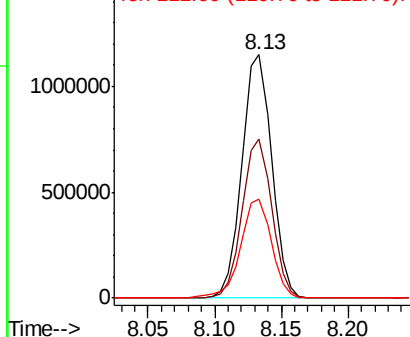
146 100

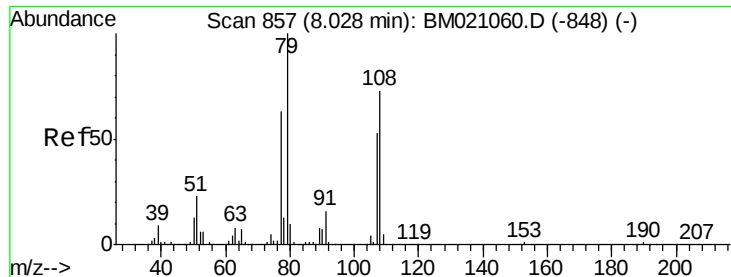
148 65.5 51.2 76.8

111 40.6 32.8 49.2



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





#15

Benzyl Alcohol

Concen: 76.166 ng

RT: 8.03 min Scan# 858

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

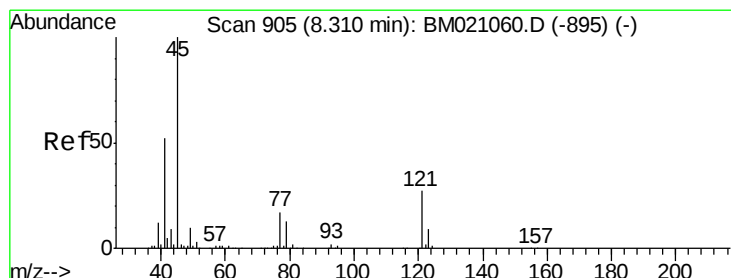
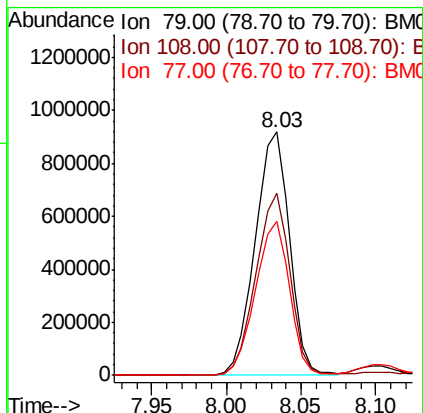
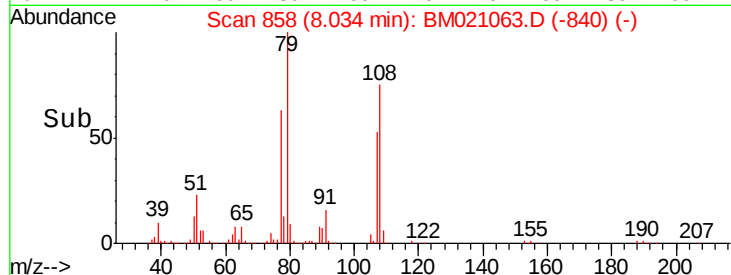
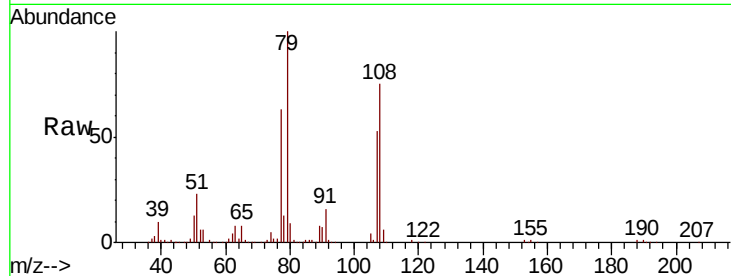
Tot Ion: 79 Resp: 1462498

Ion Ratio Lower Upper

79 100

108 74.6 58.4 87.6

77 63.1 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 62.818 ng

RT: 8.32 min Scan# 906

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

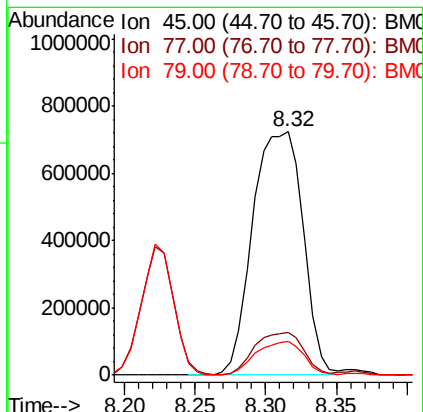
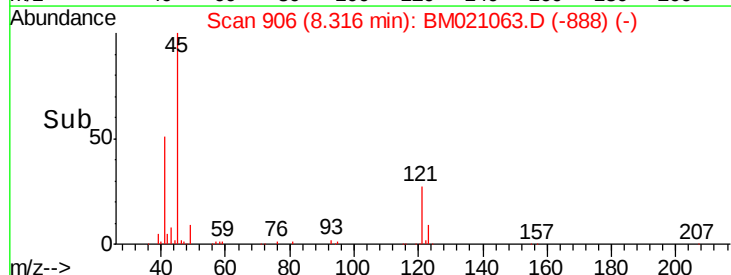
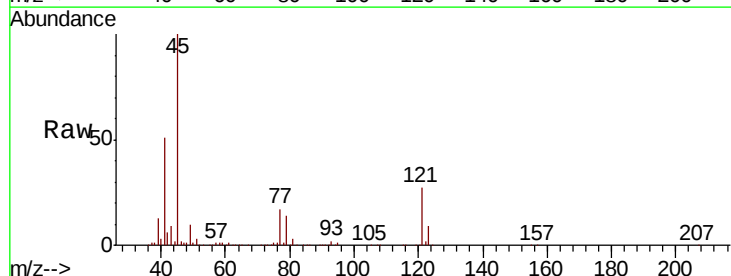
Tgt Ion: 45 Resp: 1807875

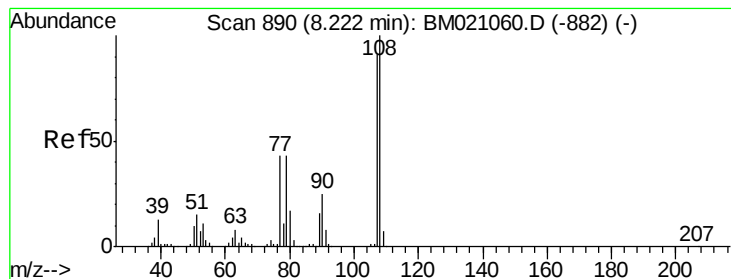
Ion Ratio Lower Upper

45 100

77 17.5 0.0 37.5

79 14.1 0.0 33.5

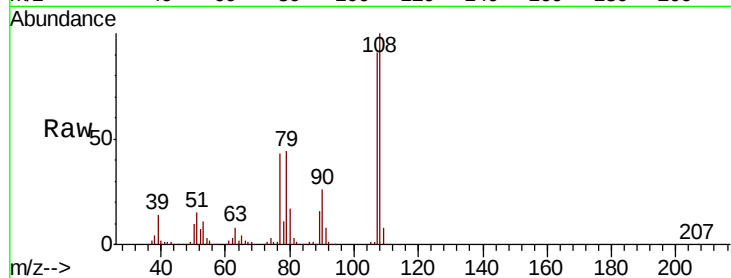




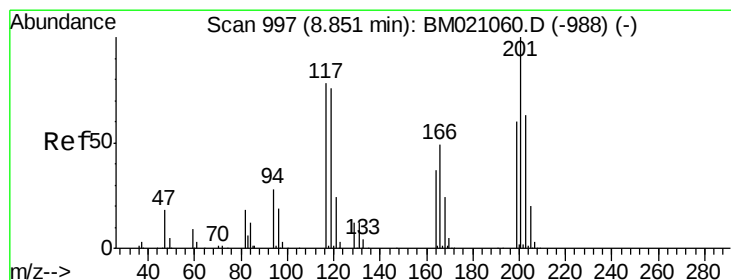
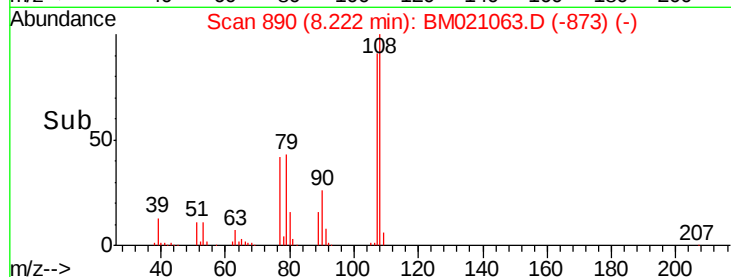
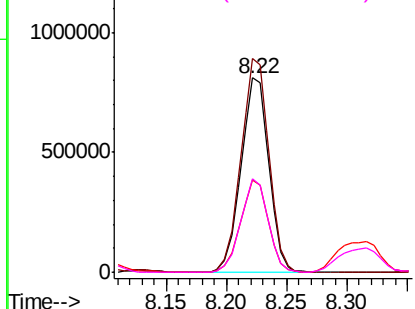
#17
2-Methylphenol
Concen: 79.337 ng
RT: 8.22 min Scan# 890
Delta R.T. -0.00 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Instrument :
BNA_M
ClientSampled :

Tot Ion:107 Resp: 1304918
Ion Ratio Lower Upper
107 100
108 110.0 87.5 131.3
77 47.4 37.8 56.8
79 48.0 37.5 56.3

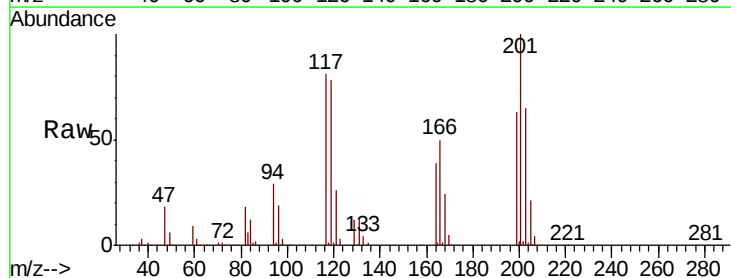


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

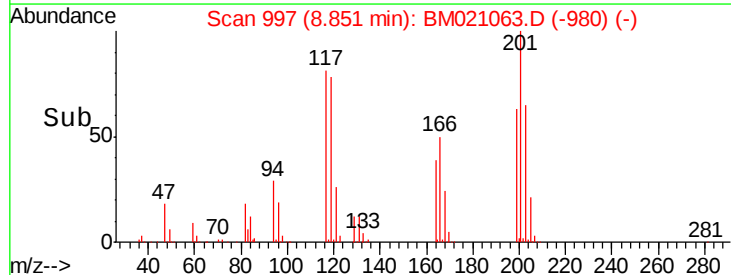
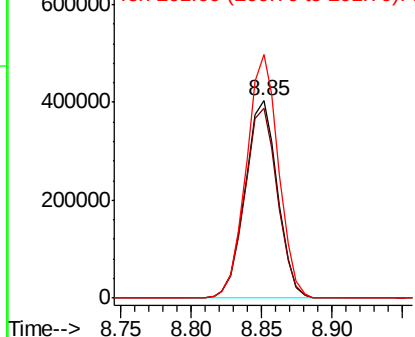


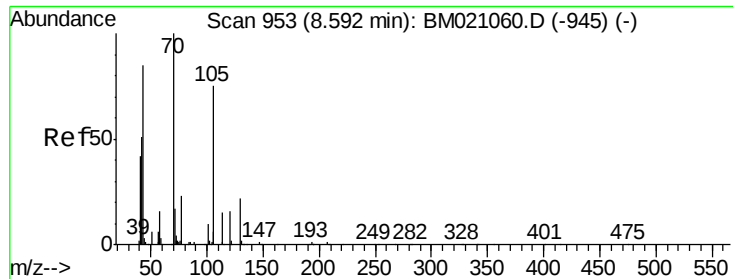
#18
Hexachloroethane
Concen: 79.469 ng
RT: 8.85 min Scan# 997
Delta R.T. -0.00 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Tgt Ion:117 Resp: 651887
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3
201 123.3 102.3 153.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 73.424 ng

RT: 8.60 min Scan# 955

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 1281044

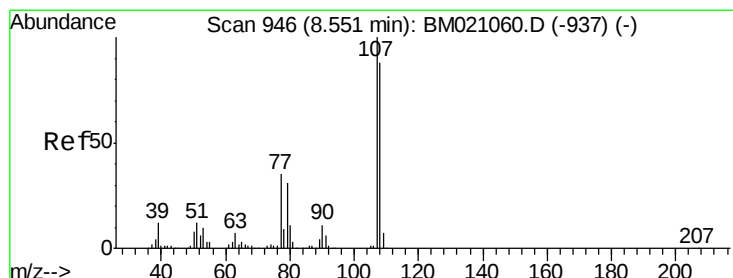
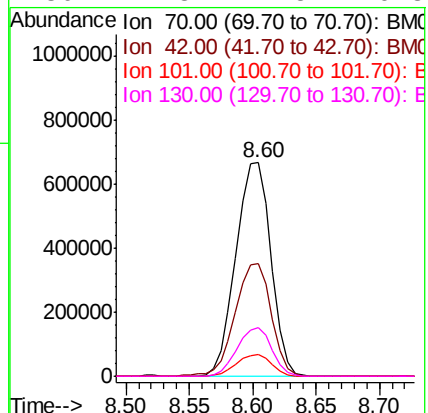
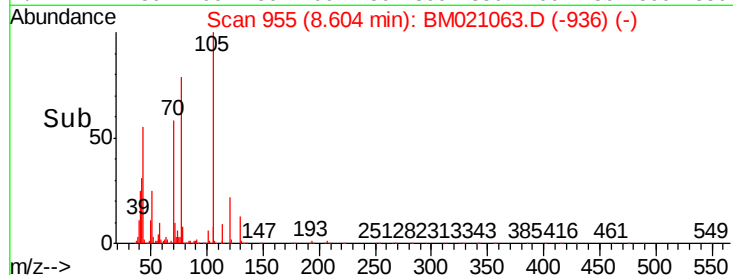
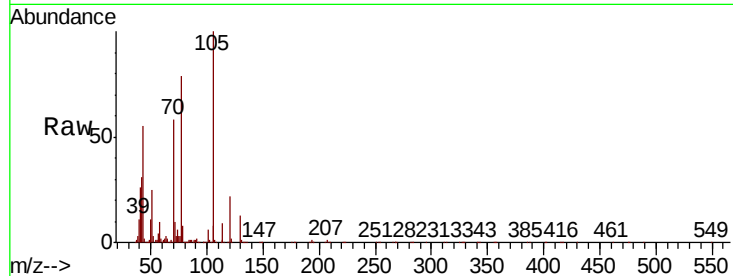
Ion Ratio Lower Upper

70 100

42 52.9 41.9 62.9

101 10.3 8.1 12.1

130 22.8 17.5 26.3



#20

3+4-Methylphenols

Concen: 80.566 ng

RT: 8.56 min Scan# 948

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Tgt Ion:107 Resp: 1802909

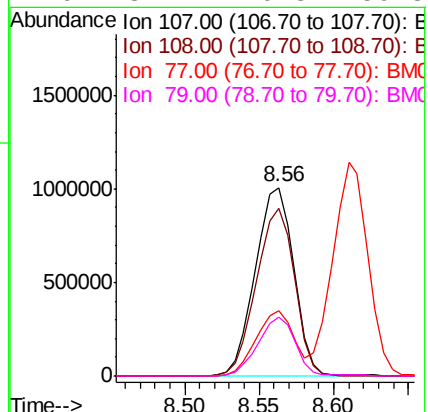
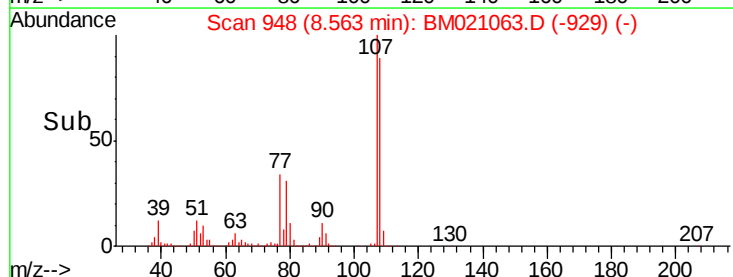
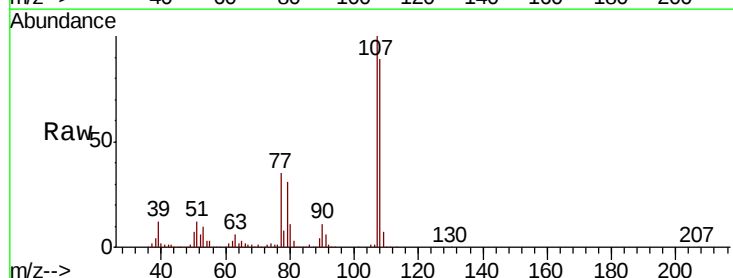
Ion Ratio Lower Upper

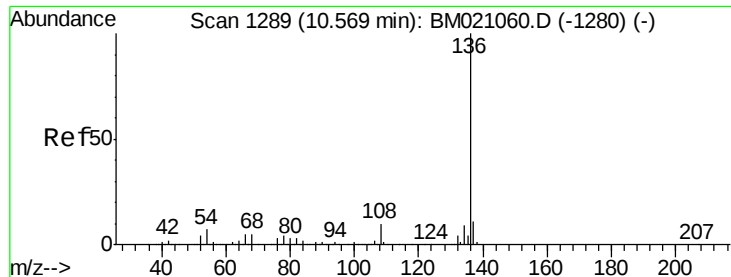
107 100

108 88.6 67.9 107.9

77 34.5 14.6 54.6

79 31.4 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1172944

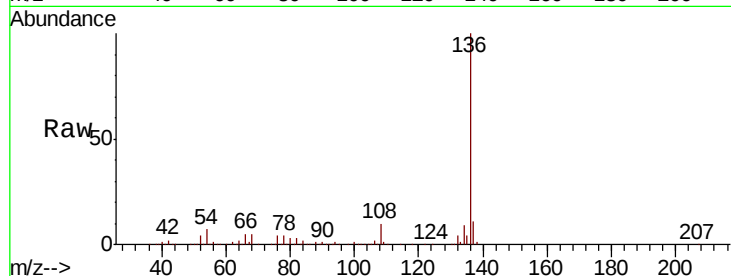
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.7 5.3 7.9

68 5.4 4.4 6.6

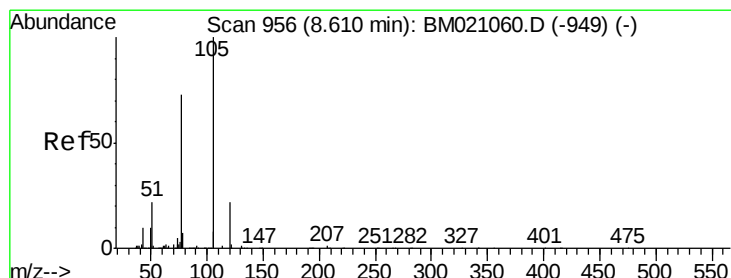
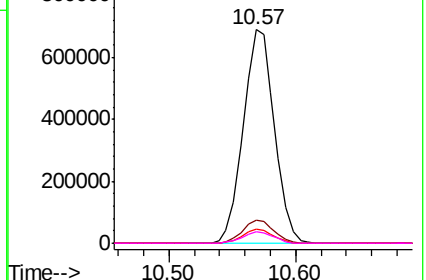
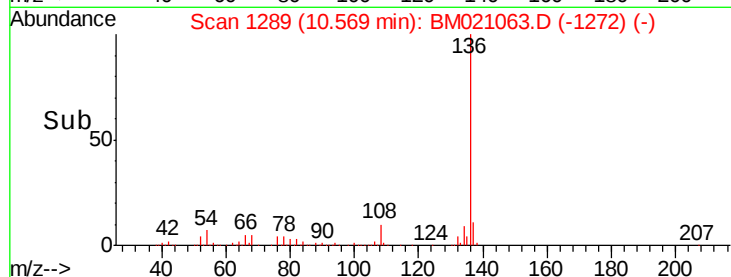


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.106 ng

RT: 8.61 min Scan# 956

Delta R.T. -0.00 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Tgt Ion:105 Resp: 2476300

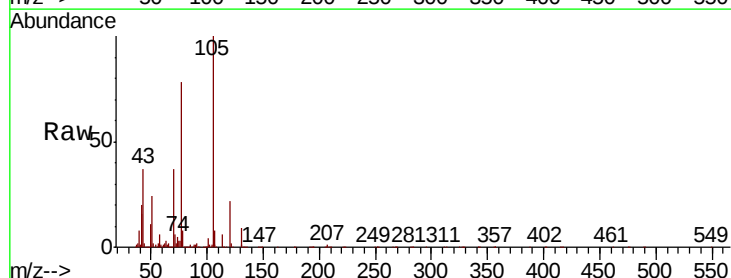
Ion Ratio Lower Upper

105 100

71 6.2 1.2 1.8#

51 24.1 19.1 28.7

120 22.5 17.9 26.9

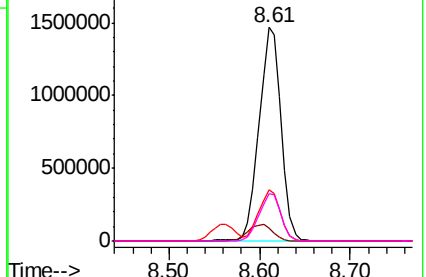
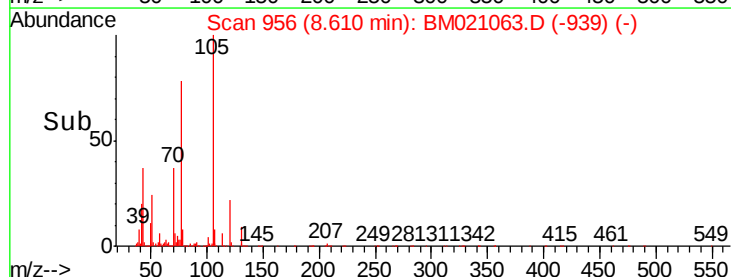


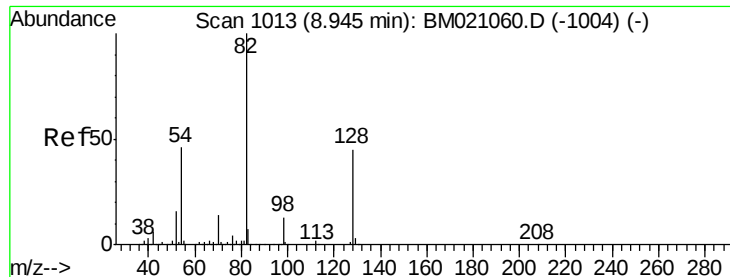
Abundance Ion 105.00 (104.70 to 105.70): E

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

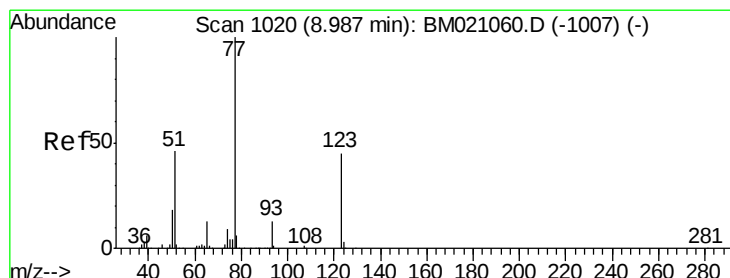
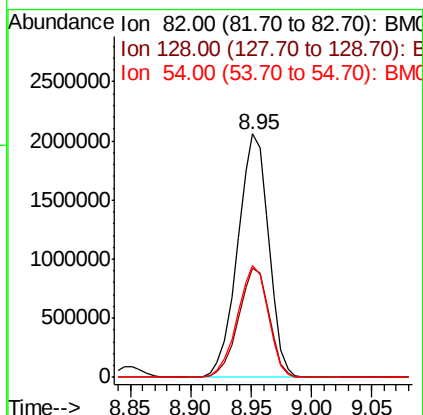
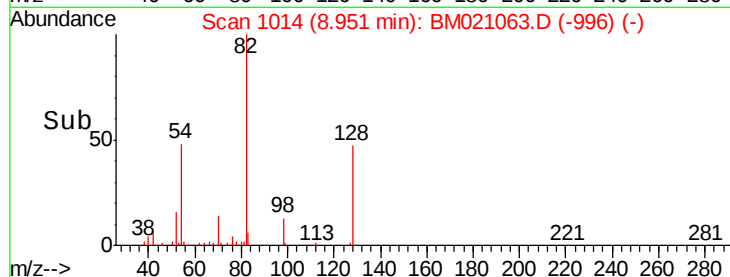
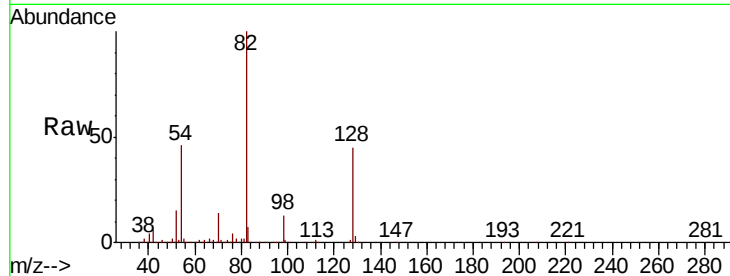




#23
 Nitrobenzene-d5
 Concen: 163.211 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

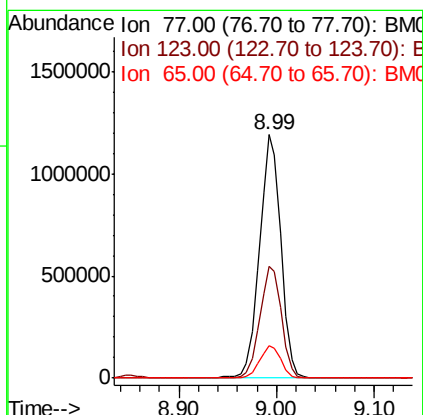
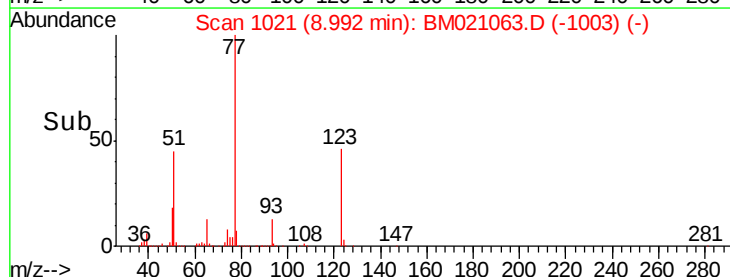
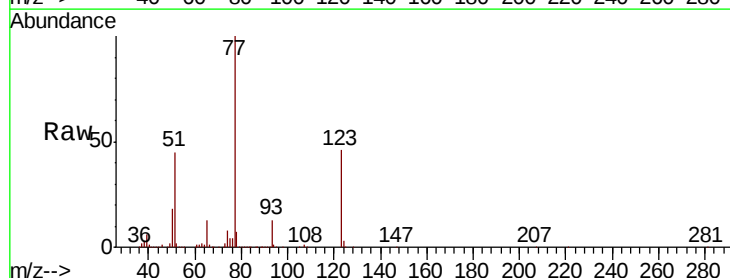
Instrument :
 BNA_M
 ClientSampled :

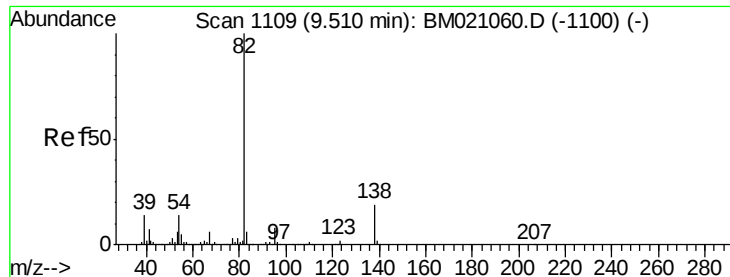
Tot Ion: 82 Resp: 3694873
 Ion Ratio Lower Upper
 82 100
 128 44.8 35.9 53.9
 54 45.7 36.6 55.0



#24
 Nitrobenzene
 Concen: 79.508 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

Tgt Ion: 77 Resp: 1837507
 Ion Ratio Lower Upper
 77 100
 123 45.9 36.3 54.5
 65 13.2 10.6 16.0





#25

Isophorone

Concen: 78.156 ng

RT: 9.52 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampled :

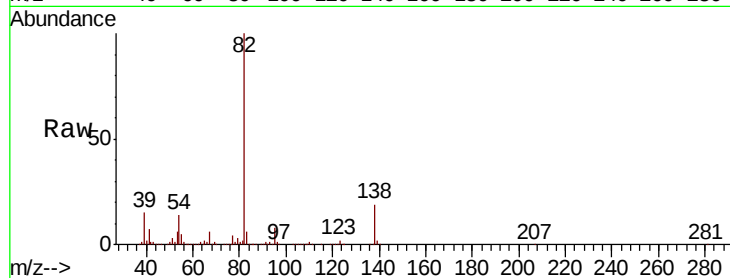
Tot Ion: 82 Resp: 3519510

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

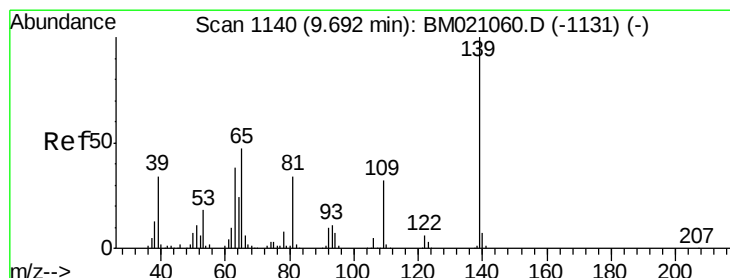
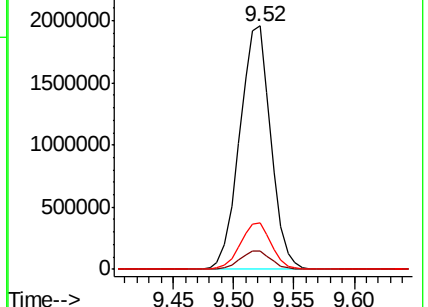
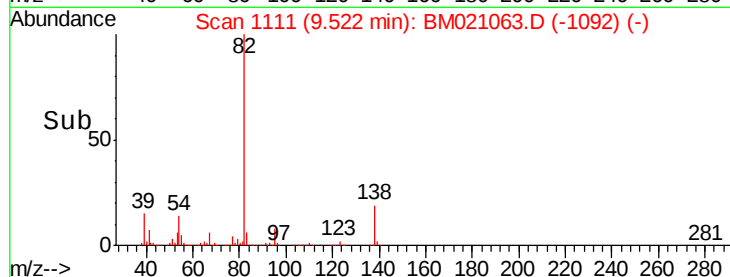
138 19.1 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BM021063.D (-1092) (-)

Ion 95.00 (94.70 to 95.70): BM021063.D (-1092) (-)

Ion 138.00 (137.70 to 138.70): BM021063.D (-1092) (-)



#26

2-Nitrophenol

Concen: 109.820 ng

RT: 9.69 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

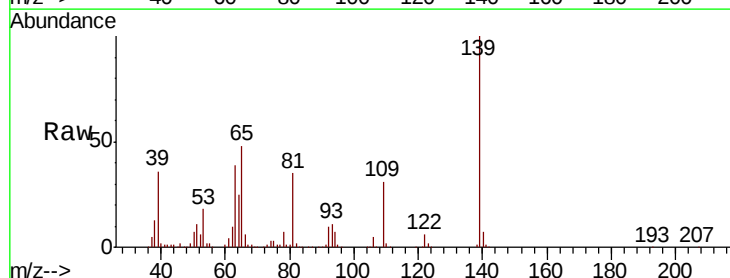
Tgt Ion: 139 Resp: 945913

Ion Ratio Lower Upper

139 100

109 31.2 25.2 37.8

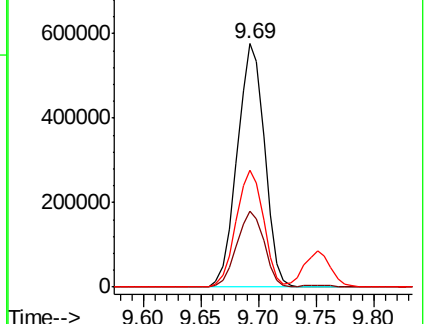
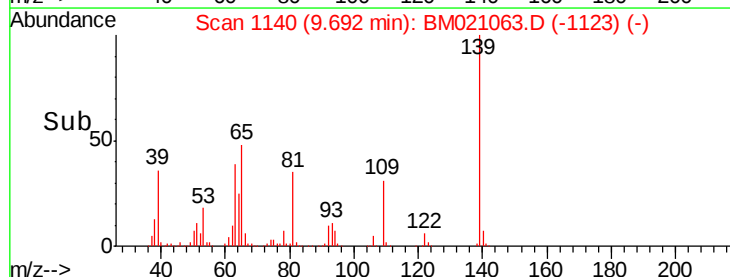
65 48.2 37.4 56.0

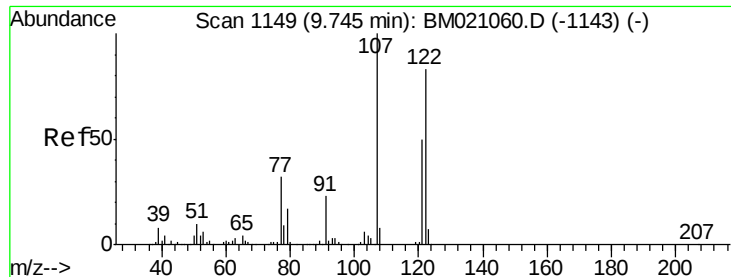


Abundance Ion 139.00 (138.70 to 139.70): BM021063.D (-1123) (-)

Ion 109.00 (108.70 to 109.70): BM021063.D (-1123) (-)

Ion 65.00 (64.70 to 65.70): BM021063.D (-1123) (-)

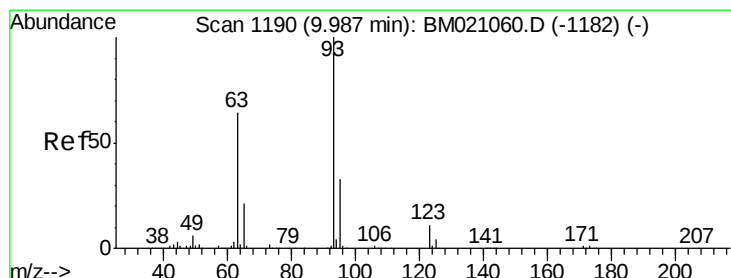
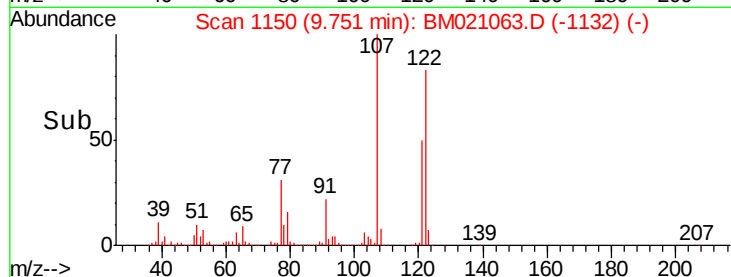
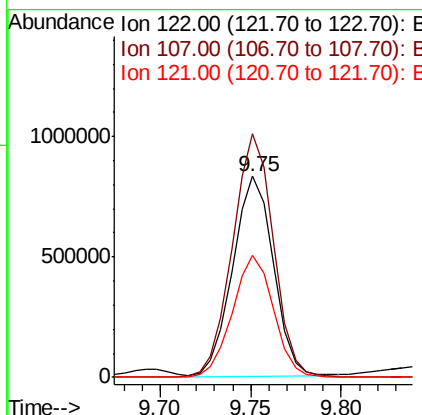
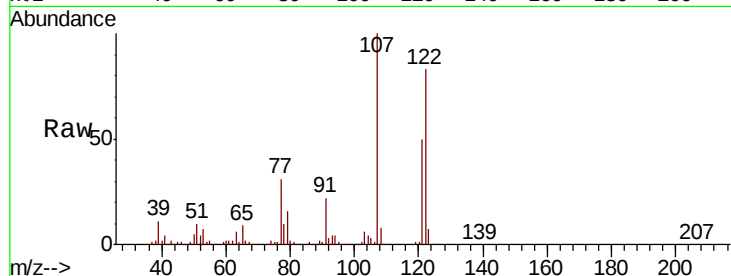




#27
 2,4-Dimethylphenol
 Concen: 80.222 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

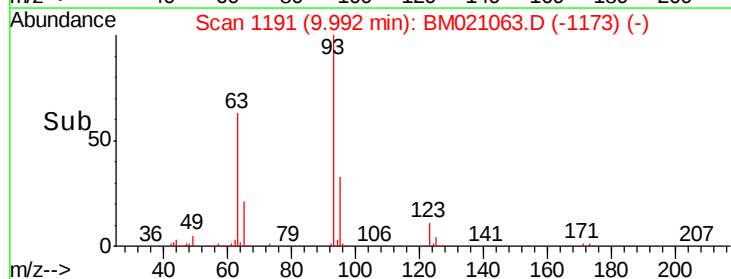
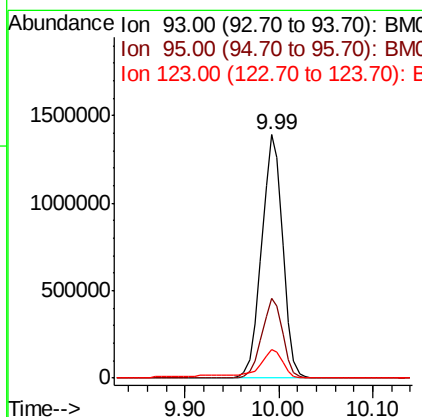
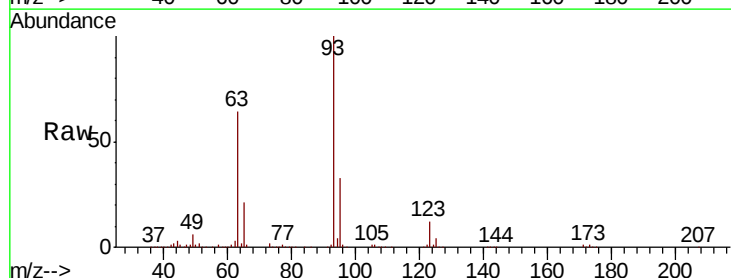
Instrument :
 BNA_M
 ClientSampled :

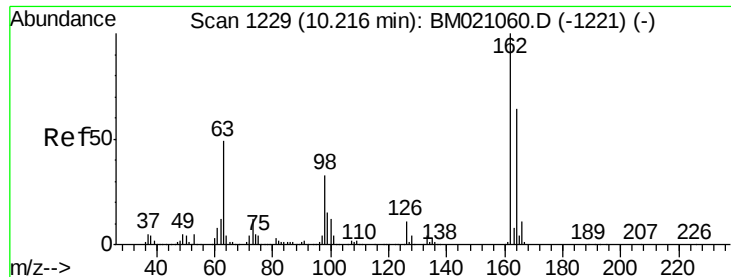
Tot Ion:122 Resp: 1294774
 Ion Ratio Lower Upper
 122 100
 107 121.0 95.3 142.9
 121 60.9 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 78.914 ng
 RT: 9.99 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

Tgt Ion: 93 Resp: 2148681
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.2
 123 11.7 9.0 13.4

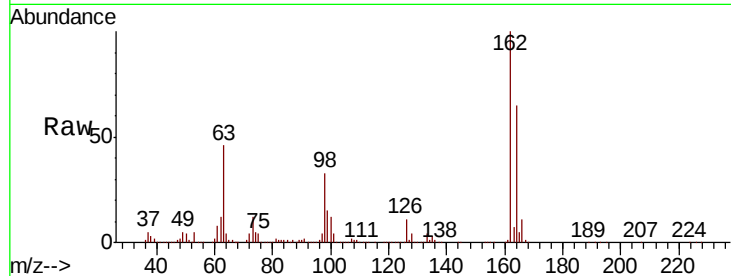




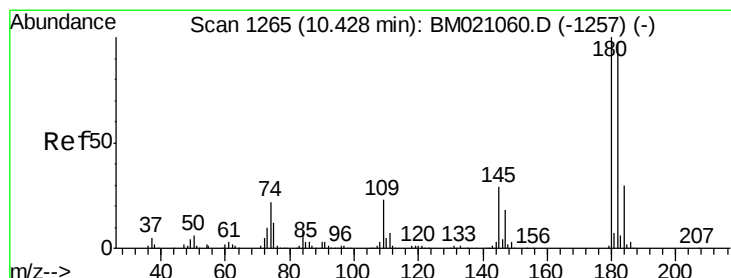
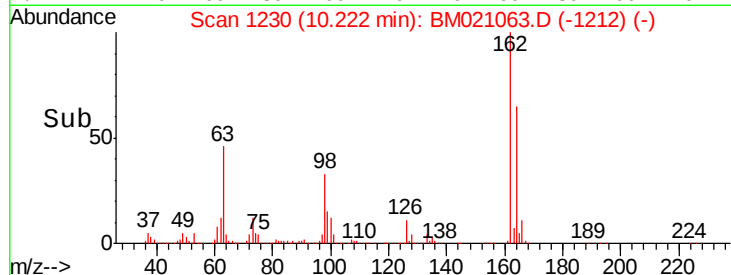
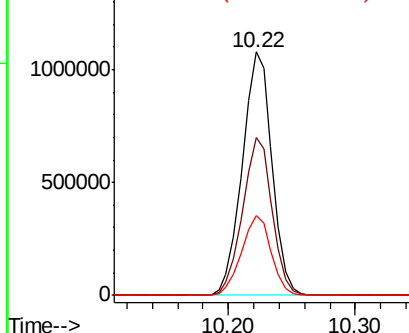
#29
2,4-Dichlorophenol
Concen: 98.026 ng
RT: 10.22 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1750447
Ion Ratio Lower Upper
162 100
164 64.7 43.7 83.7
98 33.0 13.4 53.4

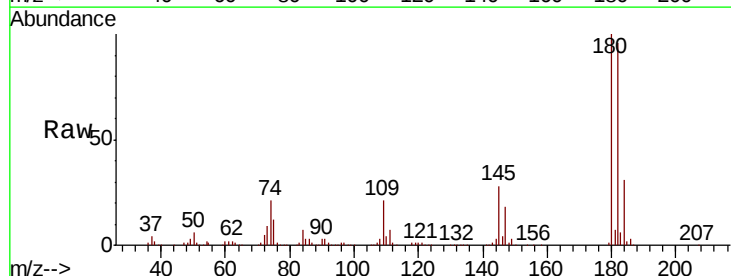


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

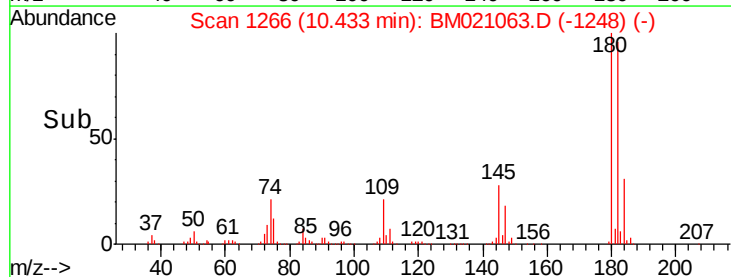
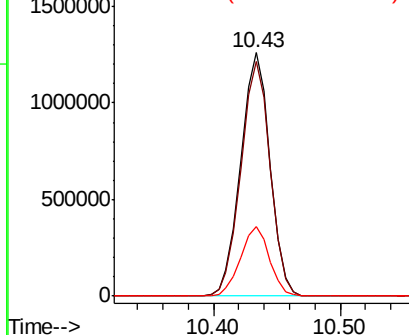


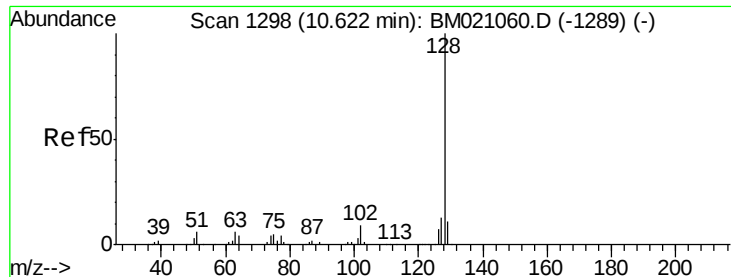
#30
1,2,4-Trichlorobenzene
Concen: 98.200 ng
RT: 10.43 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Tgt Ion:180 Resp: 2016321
Ion Ratio Lower Upper
180 100
182 96.2 78.0 117.0
145 28.3 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

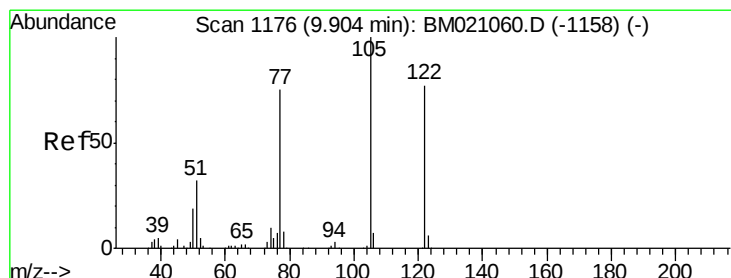
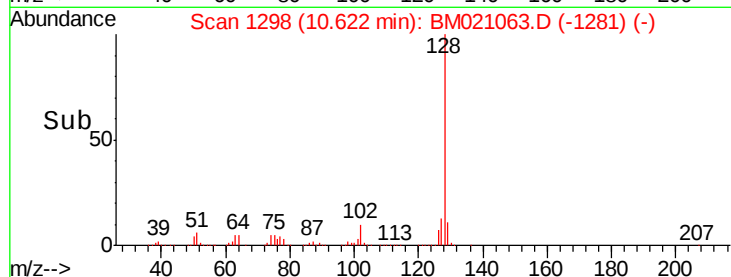
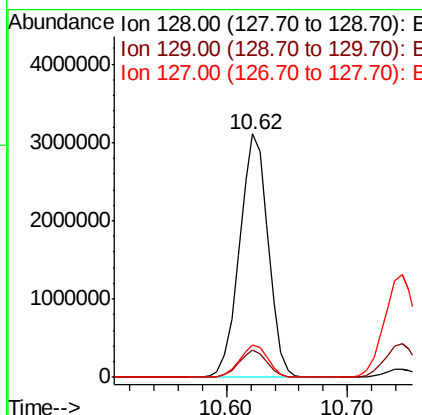
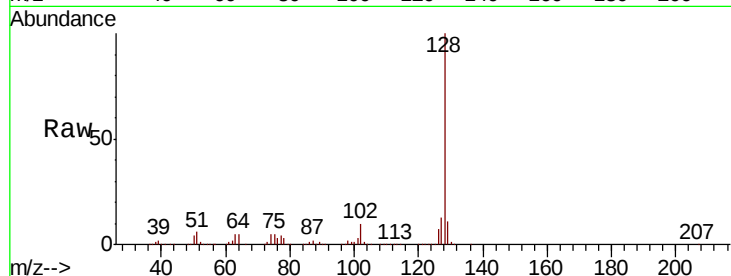




#31
Naphthalene
Concen: 84.937 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

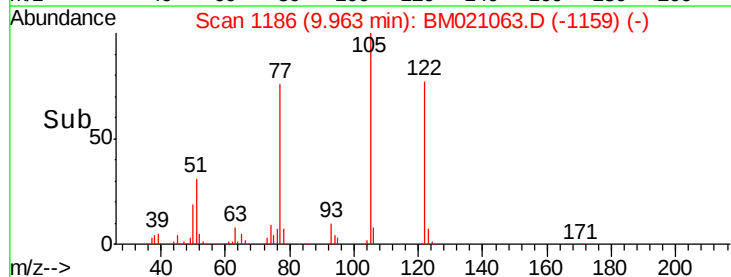
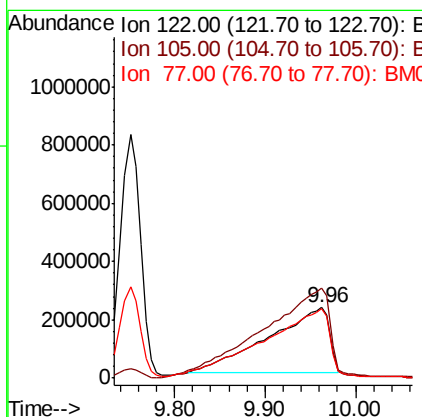
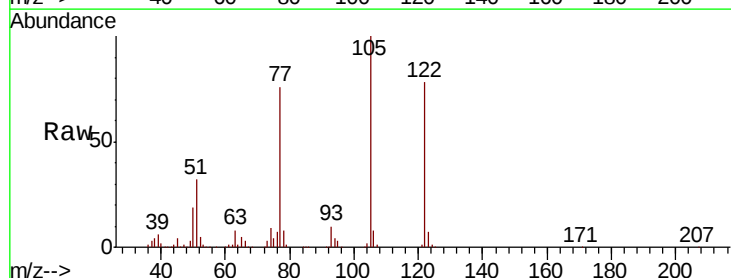
Instrument :
BNA_M
ClientSampleId :

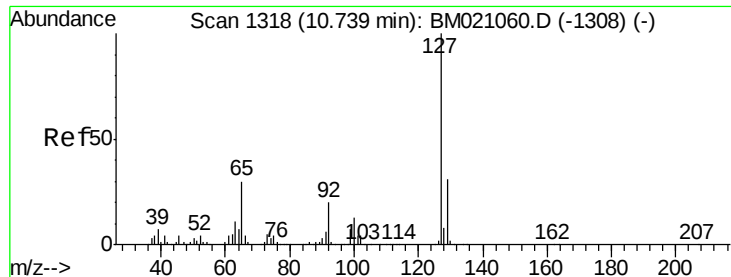
Tot Ion:128 Resp: 5123133
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 113.200 ng
RT: 9.96 min Scan# 1186
Delta R.T. 0.06 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Tgt Ion:122 Resp: 1022957
Ion Ratio Lower Upper
122 100
105 128.7 108.9 148.9
77 98.2 76.7 116.7

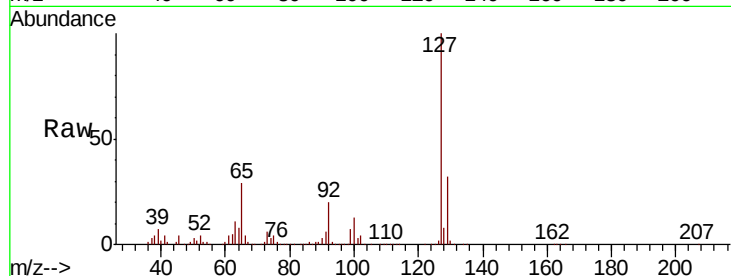




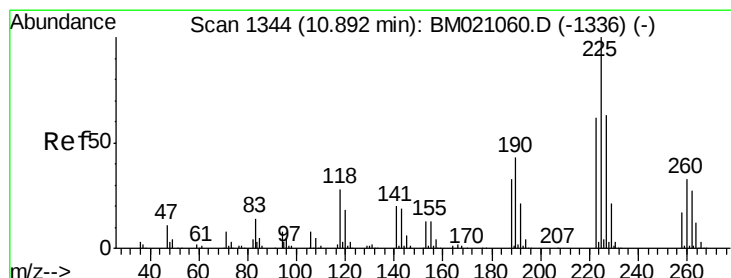
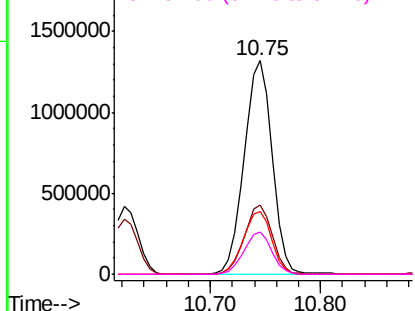
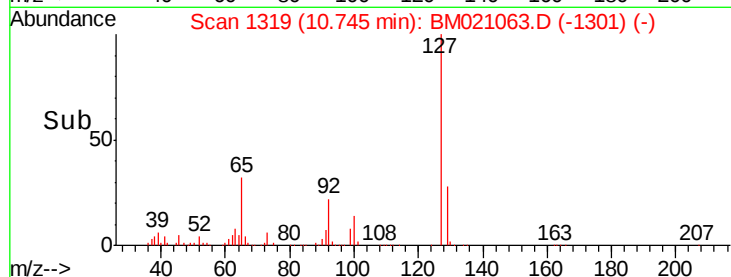
#33
4-Chloroaniline
Concen: 84.012 ng
RT: 10.75 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127 Resp: 2358286
Ion Ratio Lower Upper
127 100
129 32.2 25.1 37.7
65 29.3 23.8 35.8
92 19.8 15.7 23.5

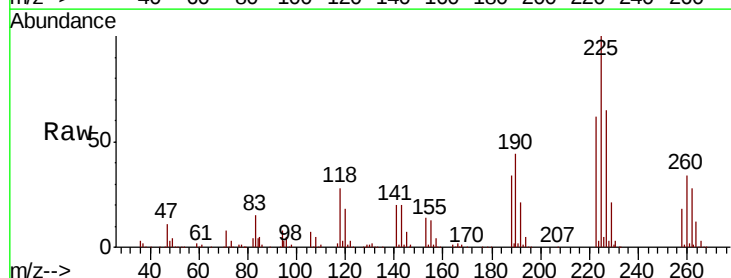


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

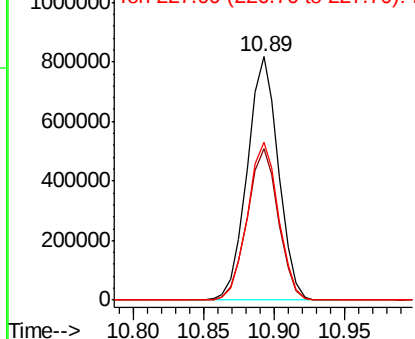
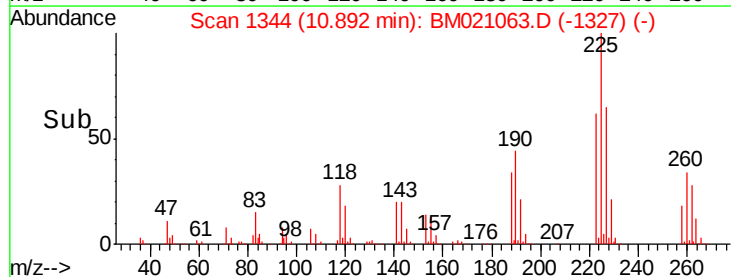


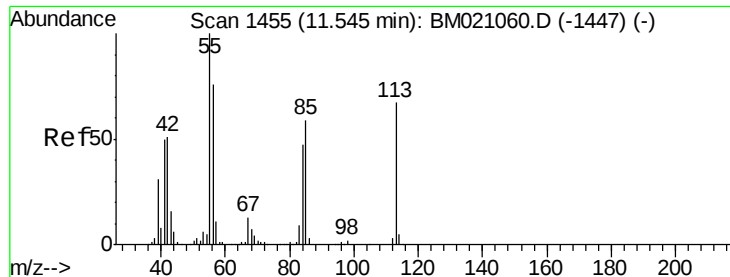
#34
Hexachlorobutadiene
Concen: 102.878 ng
RT: 10.89 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Tgt Ion:225 Resp: 1267448
Ion Ratio Lower Upper
225 100
223 62.1 49.6 74.4
227 65.1 50.4 75.6



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: 72.982 ng

RT: 11.59 min Scan# 1463

Delta R.T. 0.05 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

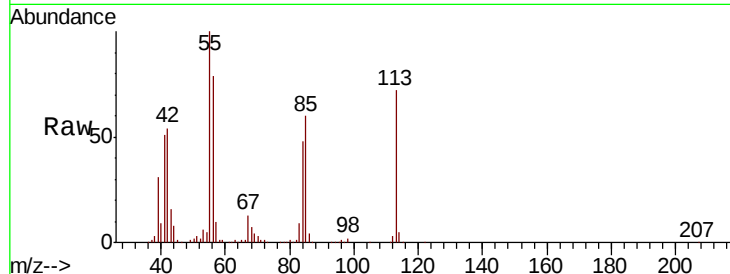
Tot Ion:113 Resp: 452747

Ion Ratio Lower Upper

113 100

55 138.0 129.8 169.8

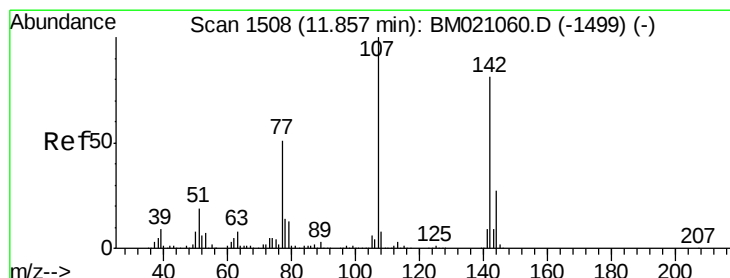
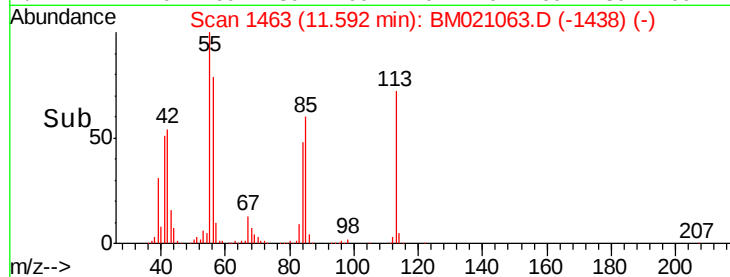
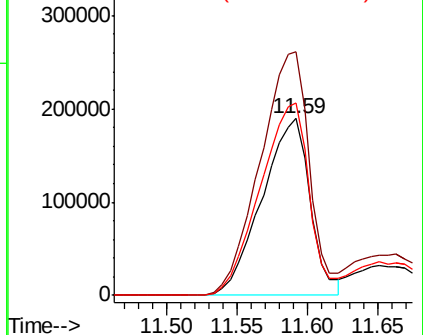
56 109.3 94.3 134.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 85.349 ng

RT: 11.87 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

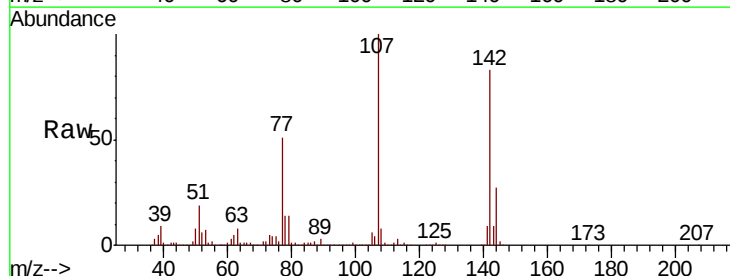
Tgt Ion:107 Resp: 1771970

Ion Ratio Lower Upper

107 100

144 26.9 21.3 31.9

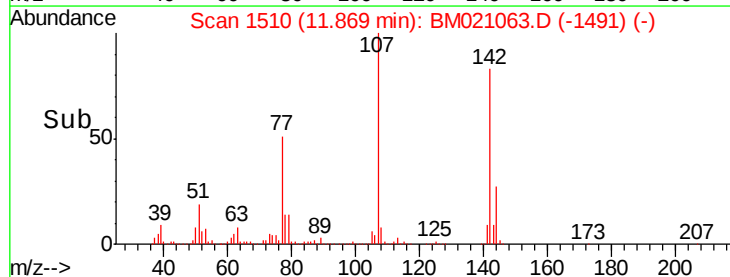
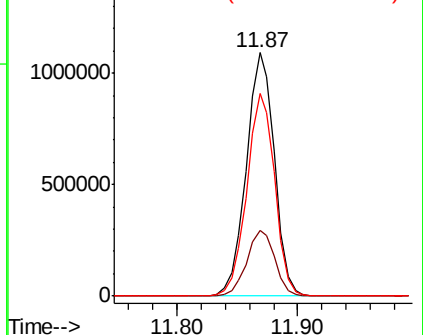
142 83.2 64.9 97.3

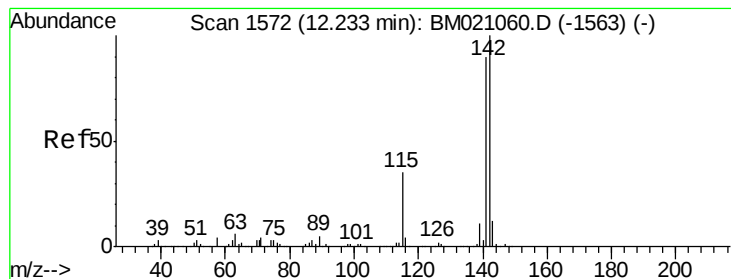


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 88.674 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

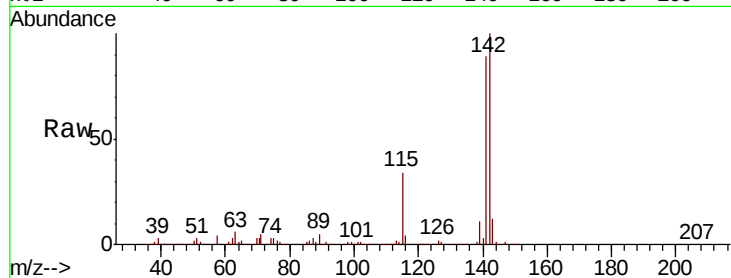
Tot Ion:142 Resp: 3964442

Ion Ratio Lower Upper

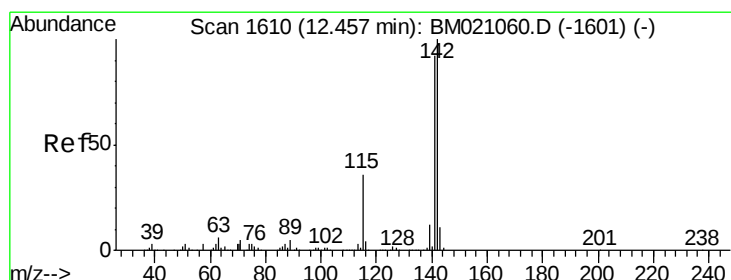
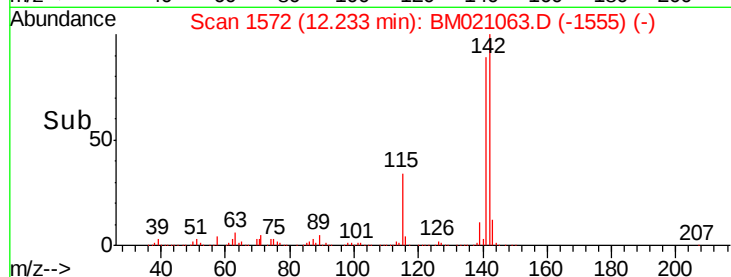
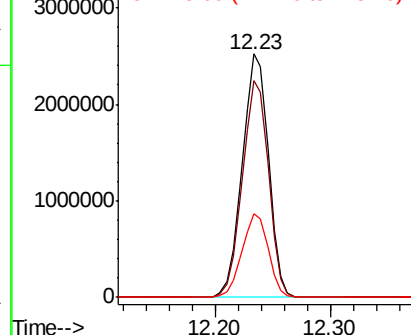
142 100

141 89.0 72.2 108.2

115 34.4 27.9 41.9



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



#38

1-Methylnaphthalene

Concen: 88.157 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

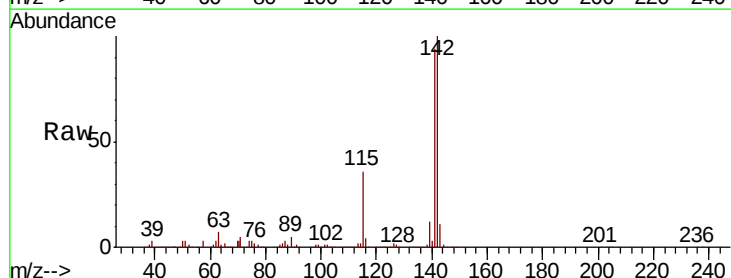
Tgt Ion:142 Resp: 3752866

Ion Ratio Lower Upper

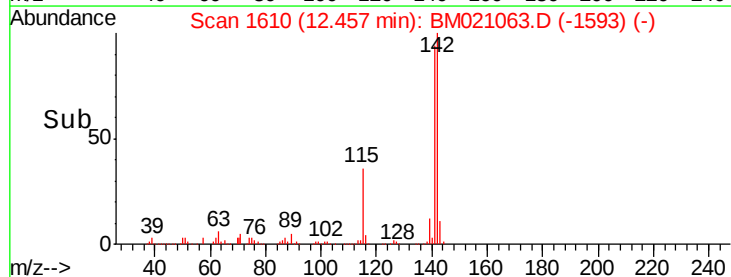
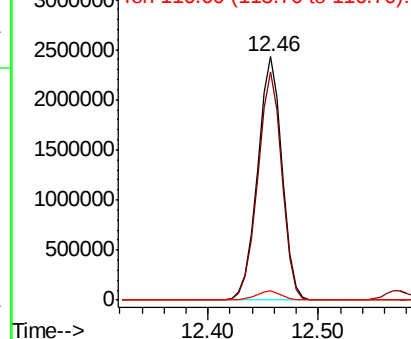
142 100

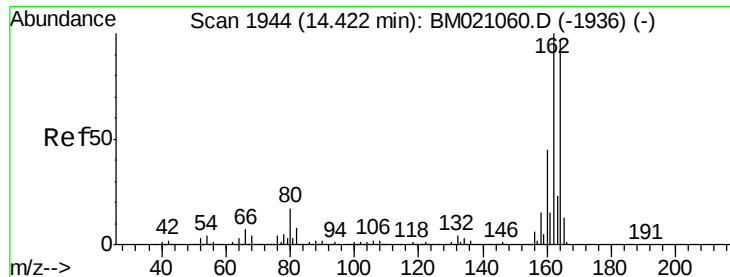
141 93.8 73.9 110.9

116 3.8 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

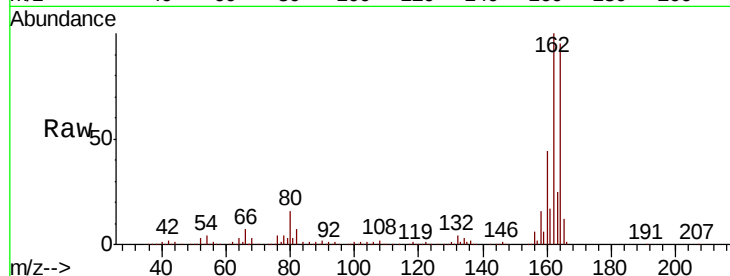
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 765035

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.1	123.1
160	45.7	37.1	55.7

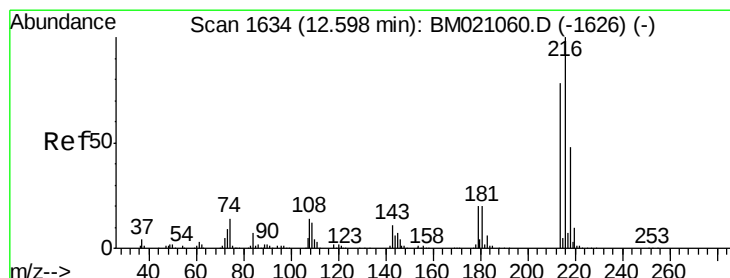
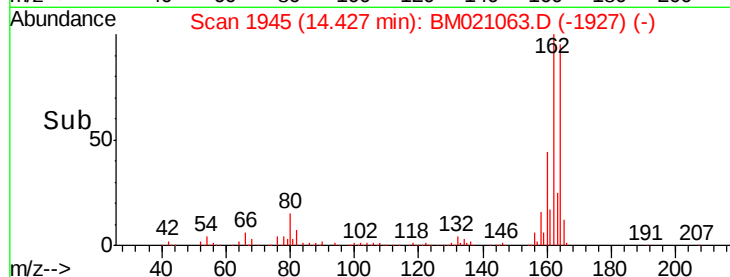
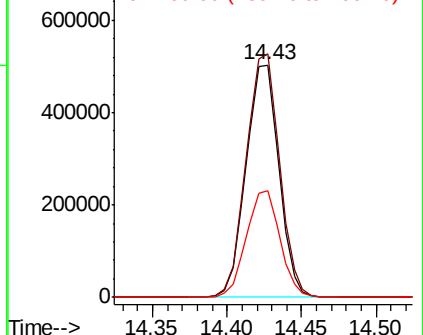


Abundance

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: 96.743 ng

RT: 12.60 min Scan# 1635

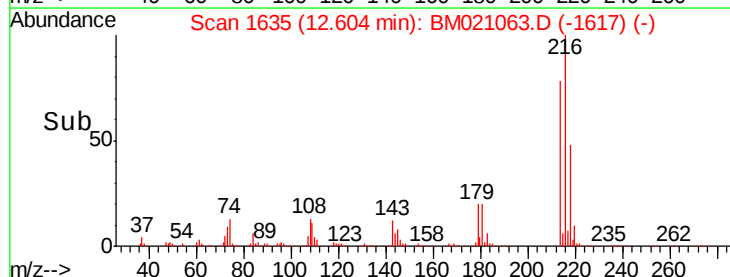
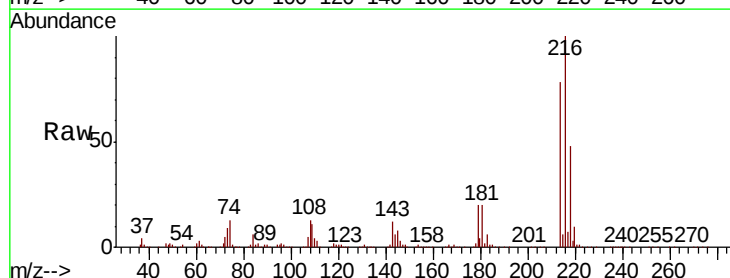
Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Tgt Ion:216 Resp: 2425434

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.6
179	20.5	16.4	24.6
108	15.1	12.5	18.7



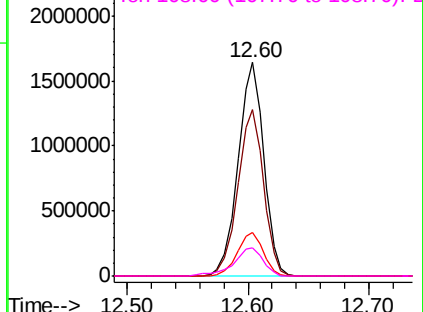
Abundance

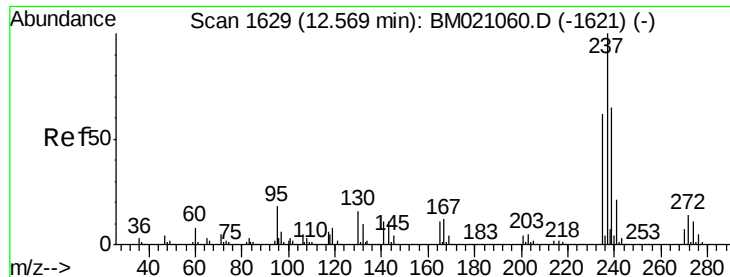
Ion 216.00 (215.70 to 216.70): E

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: 91.516 ng

RT: 12.57 min Scan# 1630

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampled :

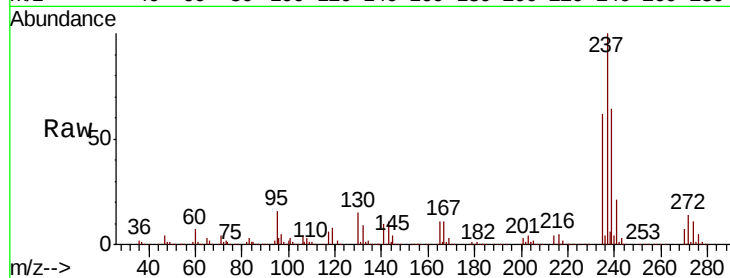
Tot Ion:237 Resp: 1372211

Ion Ratio Lower Upper

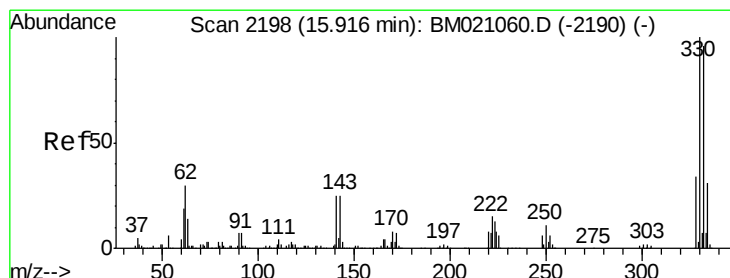
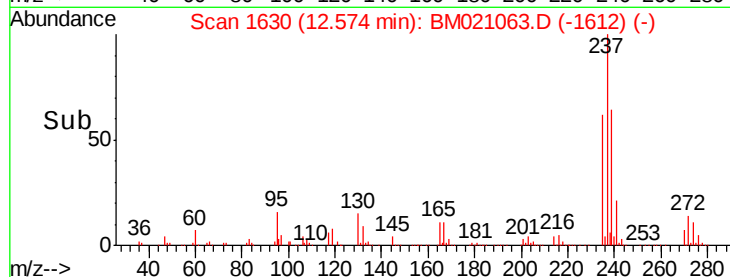
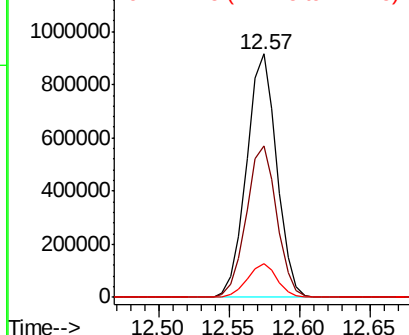
237 100

235 62.0 41.7 81.7

272 13.8 0.0 34.1



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: 262.875 ng

RT: 15.92 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

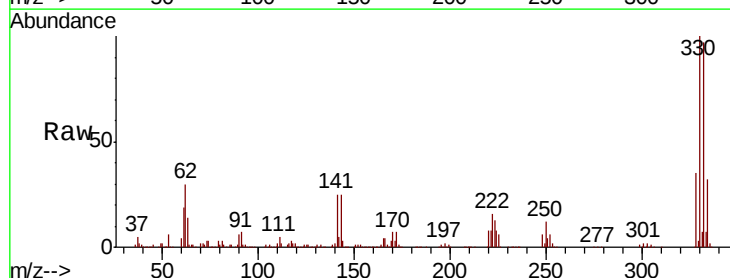
Tgt Ion:330 Resp: 2491721

Ion Ratio Lower Upper

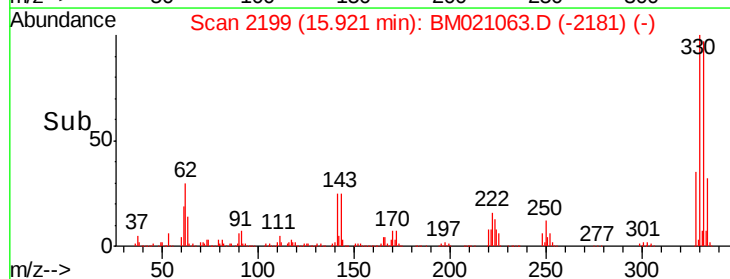
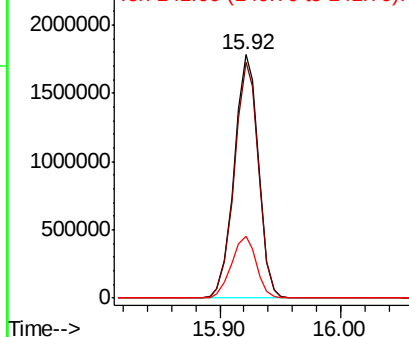
330 100

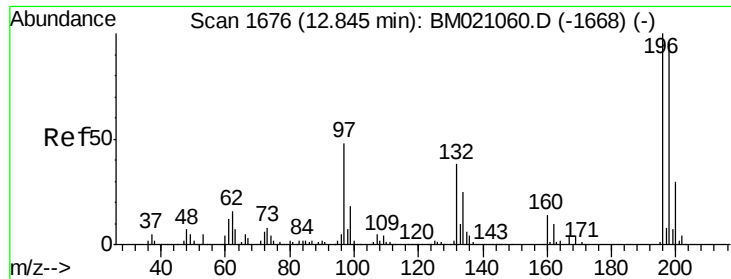
332 96.5 77.1 115.7

141 26.0 21.8 32.8



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

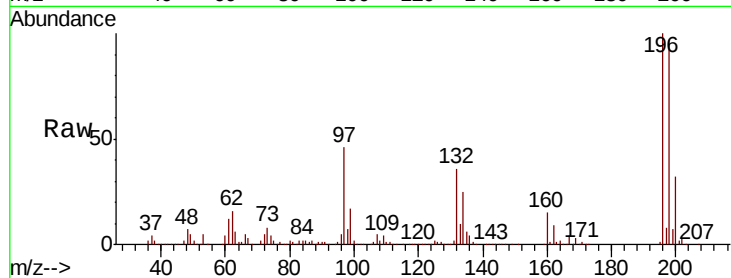




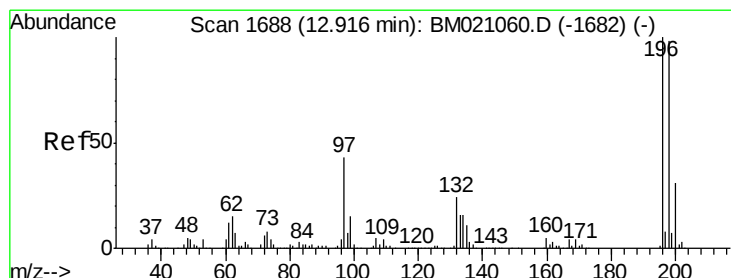
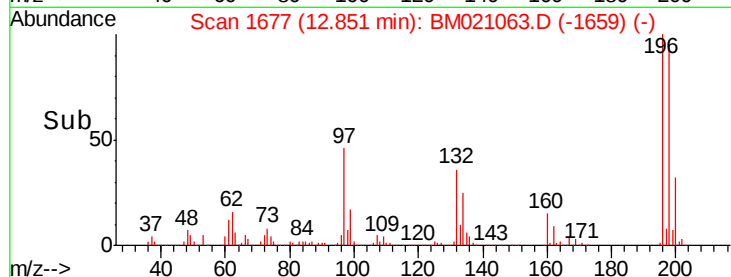
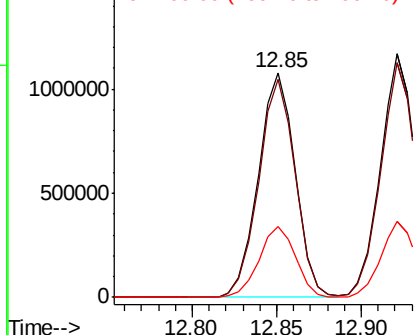
#43
 2,4,6-Trichlorophenol
 Concen: 101.129 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 1631993
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.7 115.1
 200 31.5 24.2 36.4



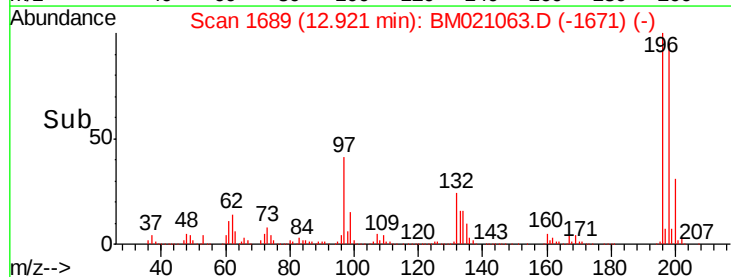
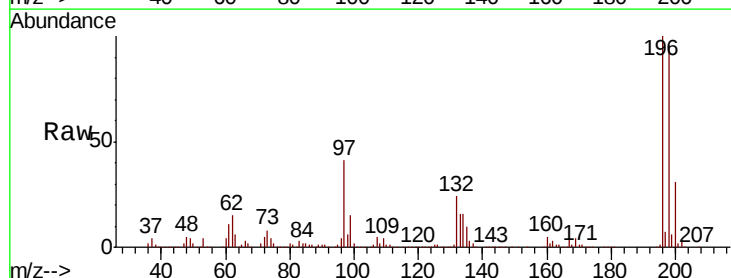
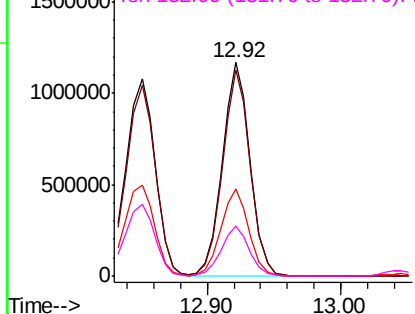
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

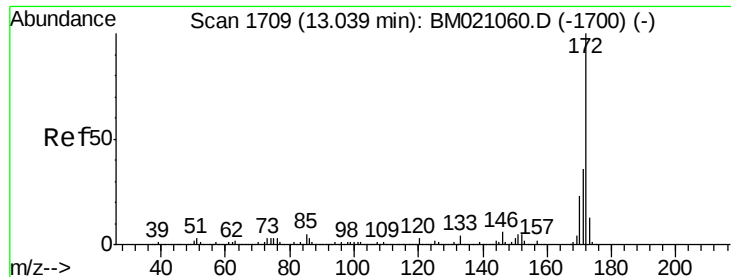


#44
 2,4,5-Trichlorophenol
 Concen: 101.352 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

Tgt Ion:196 Resp: 1688561
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.2 117.4
 97 40.7 34.1 51.1
 132 23.6 19.2 28.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

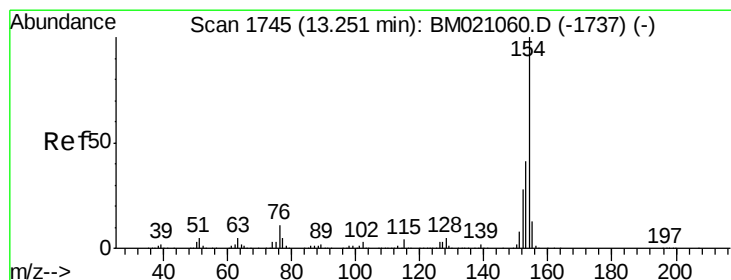
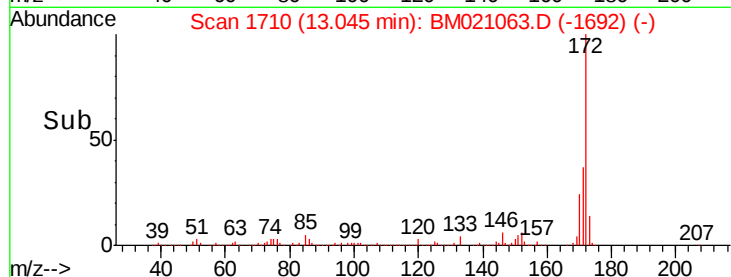
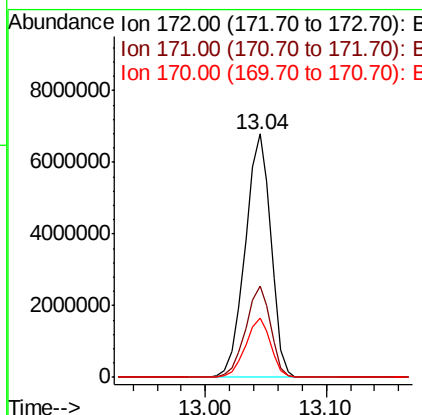
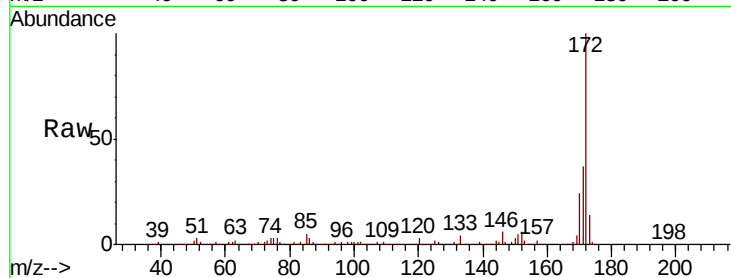




#45
2-Fluorobiphenyl
Concen: 175.227 ng
RT: 13.04 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

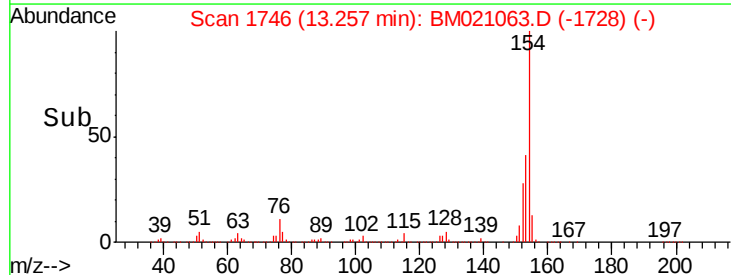
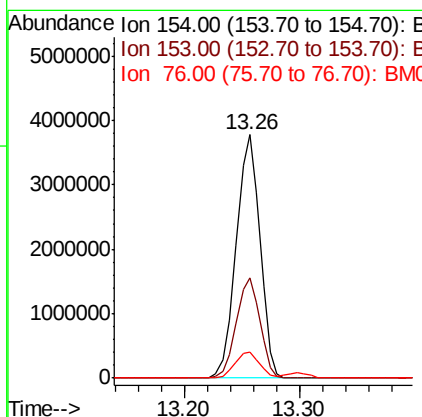
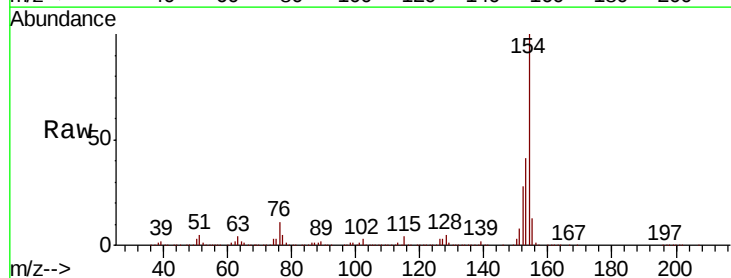
Instrument :
BNA_M
ClientSampleId :

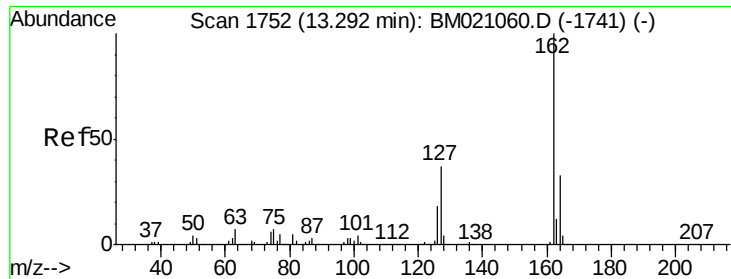
Tot Ion:172 Resp:10083448
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 84.023 ng
RT: 13.26 min Scan# 1746
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Tgt Ion:154 Resp: 5368528
Ion Ratio Lower Upper
154 100
153 41.4 21.3 61.3
76 10.7 0.0 30.9

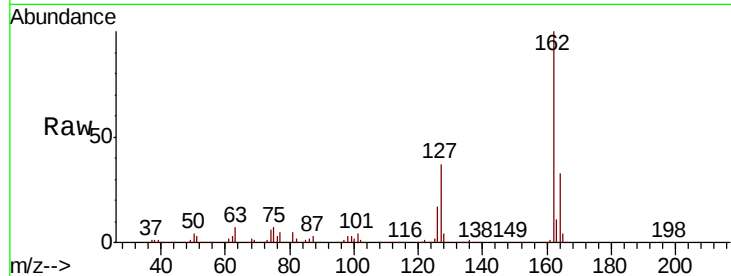




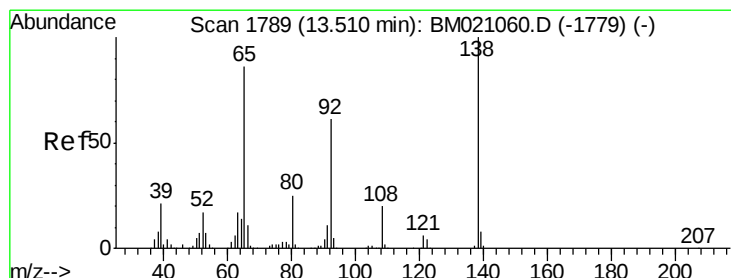
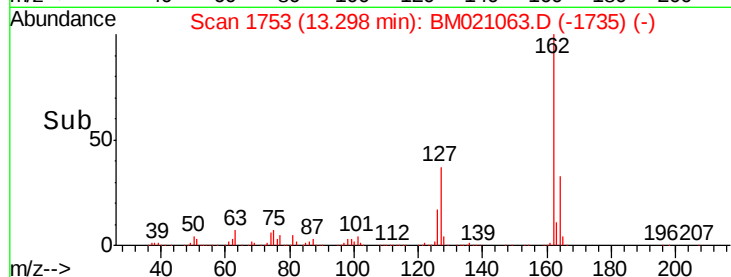
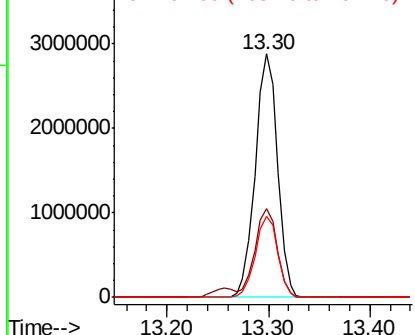
#47
2-Chloronaphthalene
Concen: 85.119 ng
RT: 13.30 min Scan# 1753
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 4389390
Ion Ratio Lower Upper
162 100
127 36.7 29.4 44.2
164 33.4 26.5 39.7

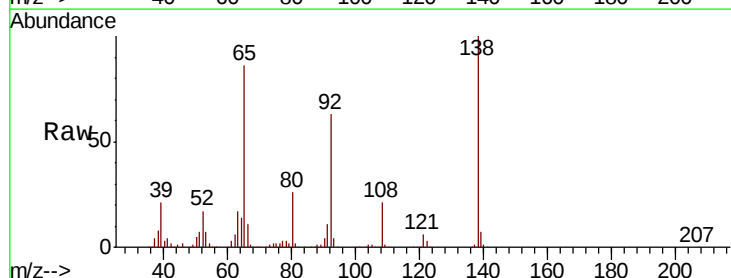


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

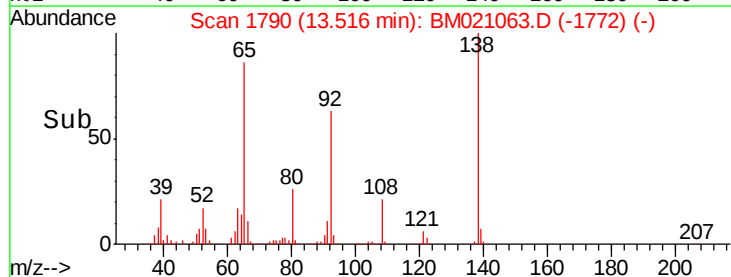
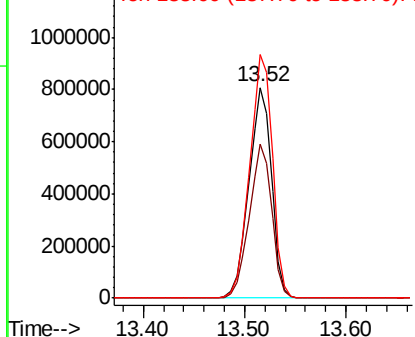


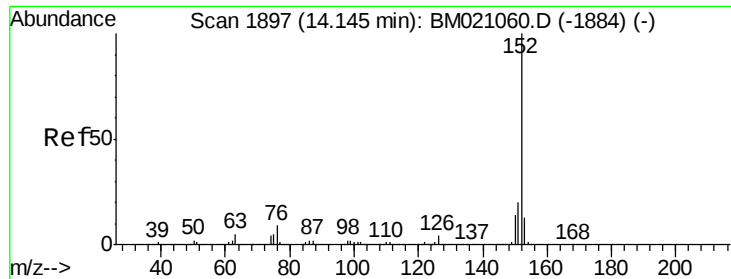
#48
2-Nitroaniline
Concen: 77.138 ng
RT: 13.52 min Scan# 1790
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Tgt Ion: 65 Resp: 1248488
Ion Ratio Lower Upper
65 100
92 72.9 56.3 84.5
138 115.7 92.6 139.0



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: 83.344 ng

RT: 14.15 min Scan# 1898

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

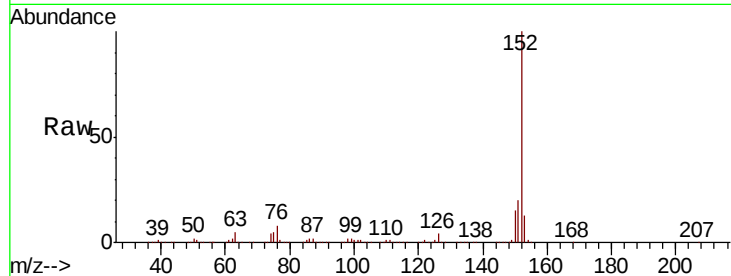
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 6705950

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.4	10.6	16.0

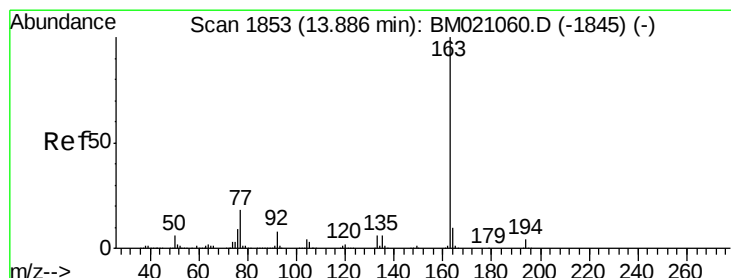
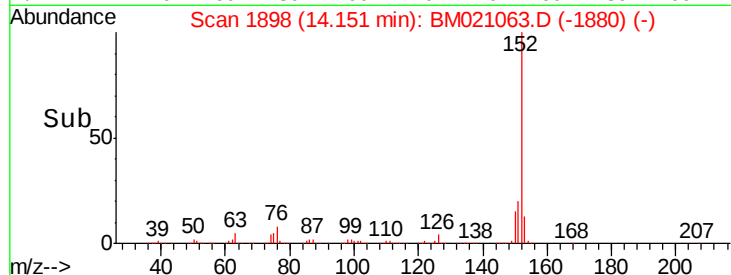
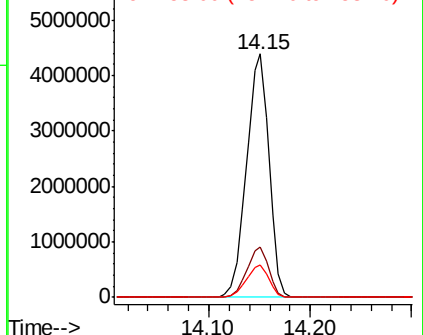


Abundance

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: 86.545 ng

RT: 13.90 min Scan# 1855

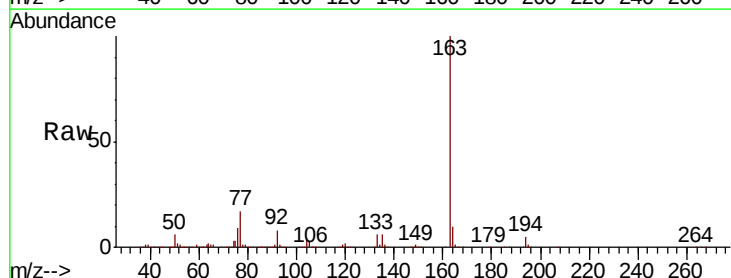
Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Tgt Ion:163 Resp: 5656621

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.3	8.2	12.2

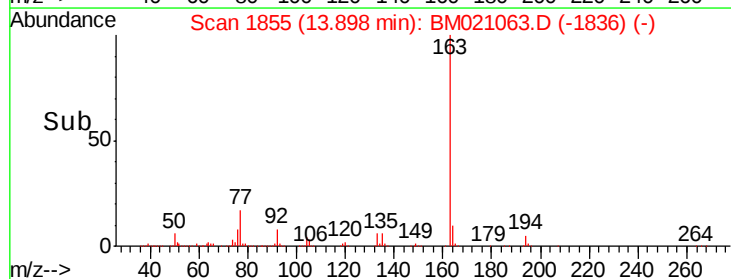
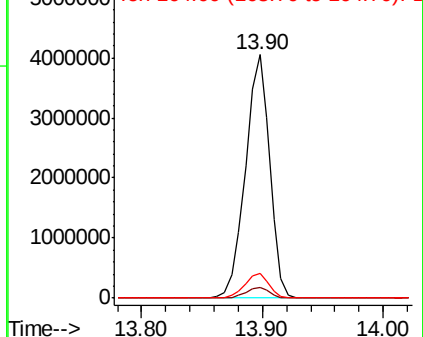


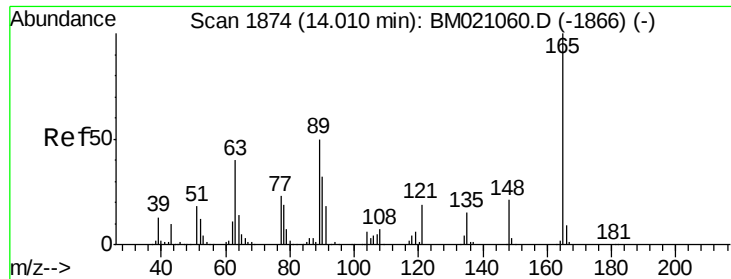
Abundance

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: 94.176 ng

RT: 14.02 min Scan# 1875

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

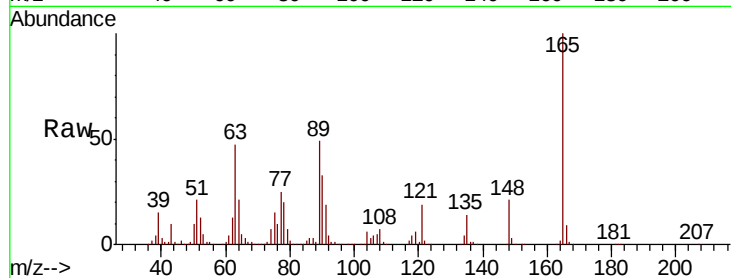
Tot Ion:165 Resp: 1249863

Ion Ratio Lower Upper

165 100

63 47.4 37.8 56.6

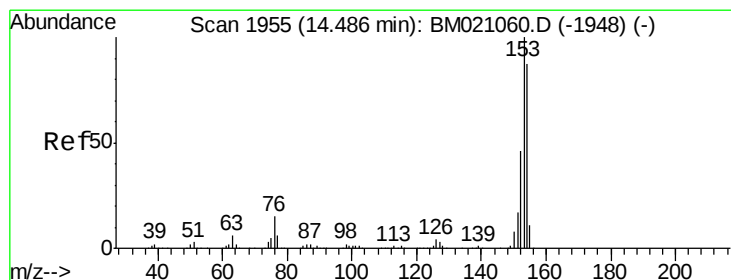
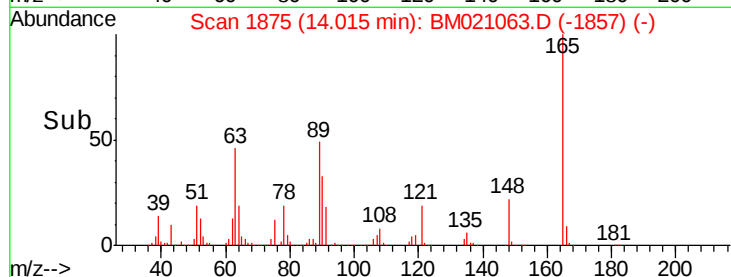
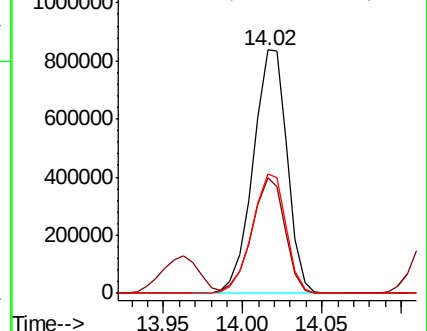
89 48.9 39.7 59.5



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: 84.499 ng

RT: 14.49 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

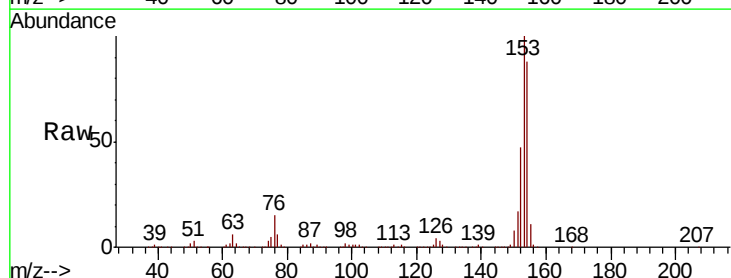
Tgt Ion:154 Resp: 4051702

Ion Ratio Lower Upper

154 100

153 114.1 91.5 137.3

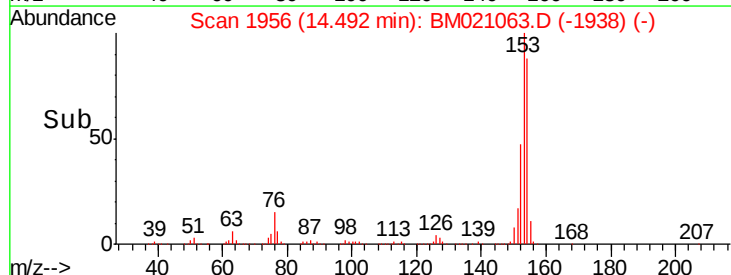
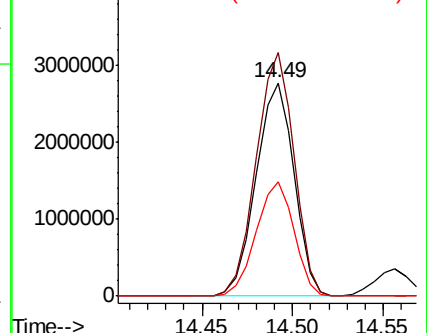
152 53.8 42.3 63.5

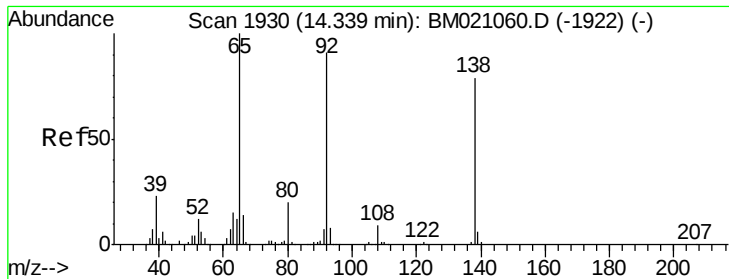


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



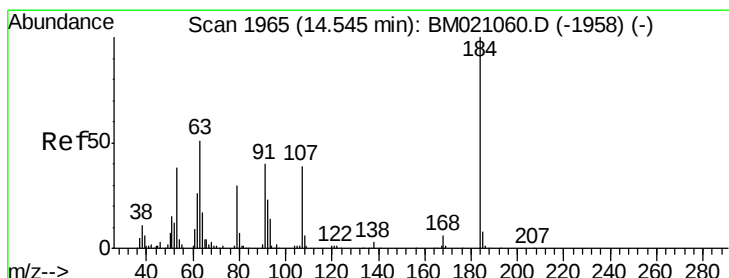
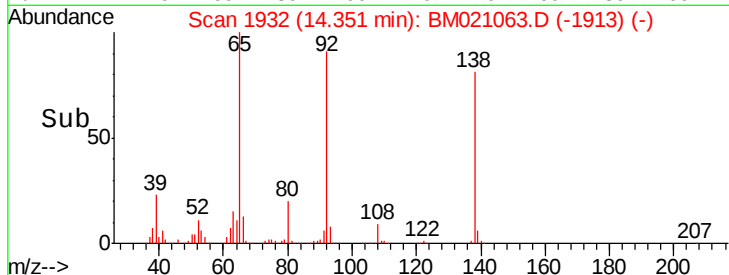
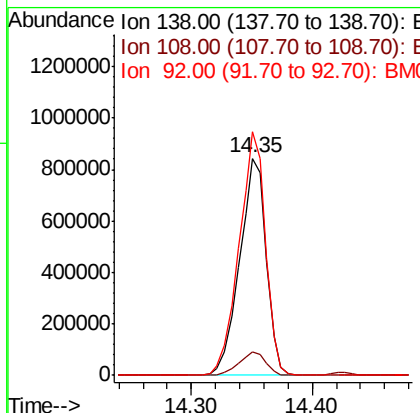
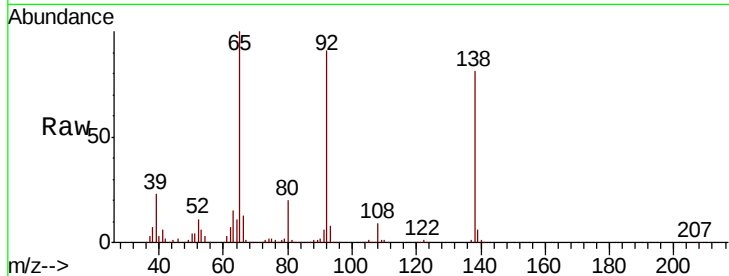


#53
 3-Nitroaniline
 Concen: 87.574 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:138 Resp: 1297254

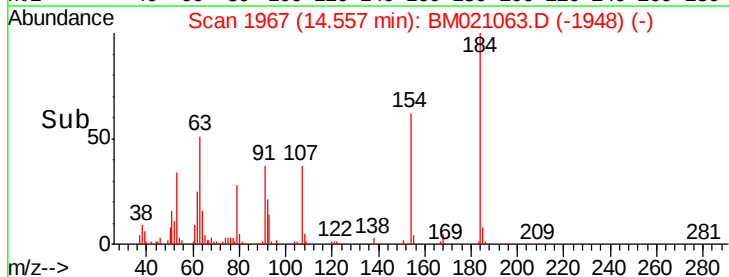
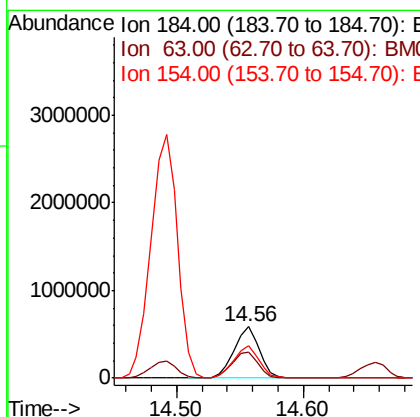
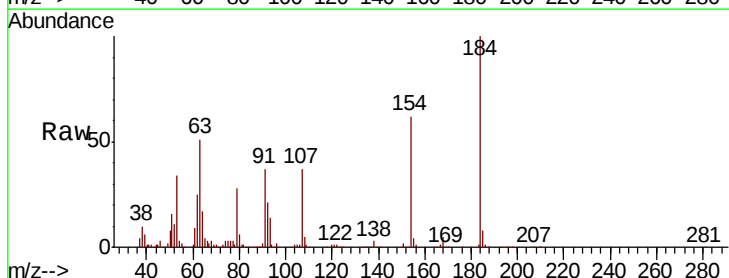
Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.0	13.4
92	112.2	92.2	138.2

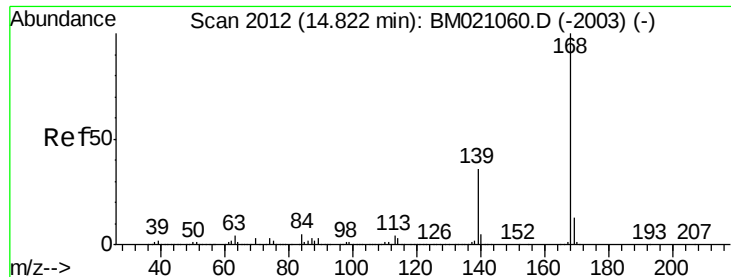


#54
 2,4-Dinitrophenol
 Concen: 173.449 ng
 RT: 14.56 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

Tgt Ion:184 Resp: 813059

Ion	Ratio	Lower	Upper
184	100		
63	51.1	45.5	68.3
154	61.9	50.6	76.0

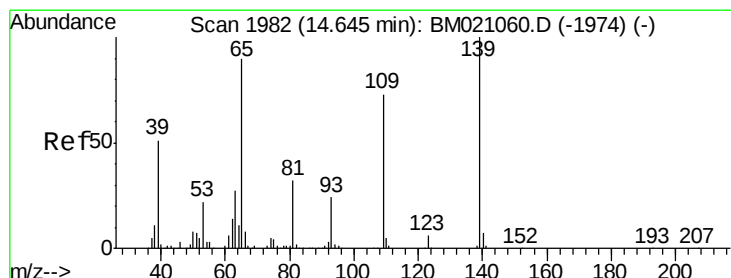
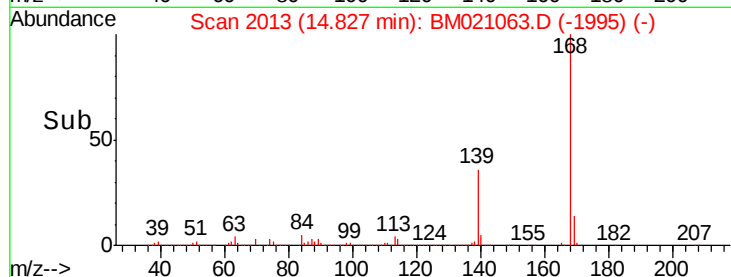
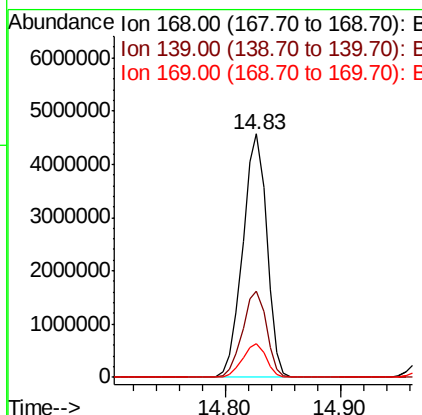
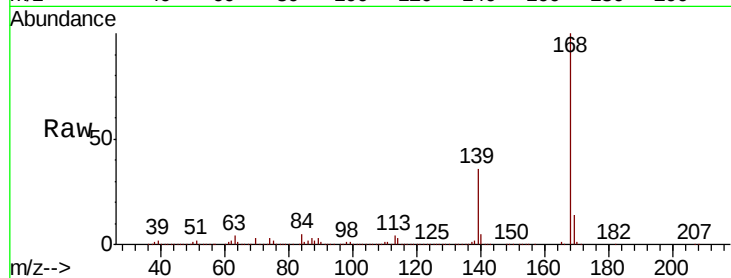




#55
Dibenzofuran
Concen: 88.527 ng
RT: 14.83 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

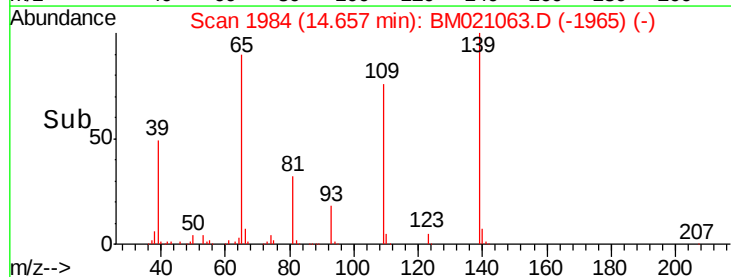
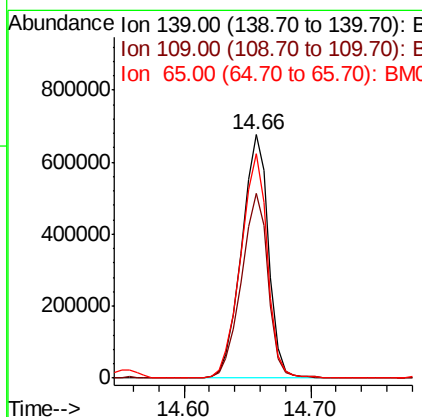
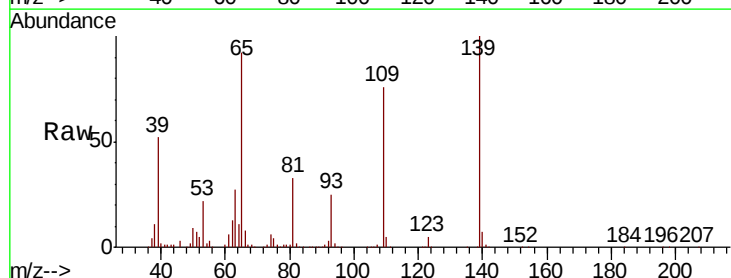
Instrument :
BNA_M
ClientSampleId :

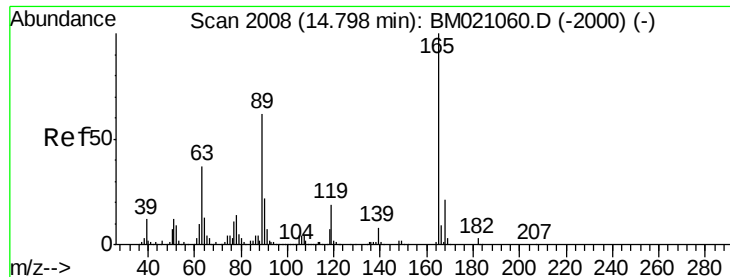
Tot Ion:168 Resp: 6592775
Ion Ratio Lower Upper
168 100
139 35.6 28.4 42.6
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 91.459 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Tgt Ion:139 Resp: 998368
Ion Ratio Lower Upper
139 100
109 75.9 53.3 93.3
65 92.0 70.3 110.3



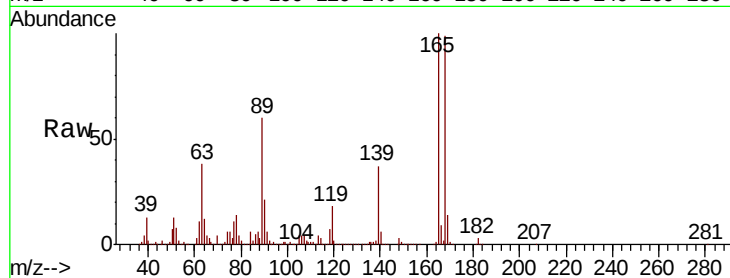


#57
 2,4-Dinitrotoluene
 Concen: 99.071 ng
 RT: 14.81 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

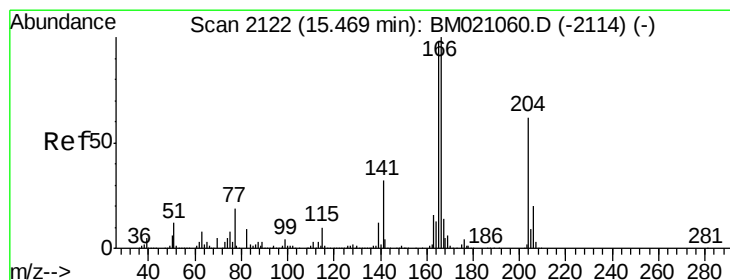
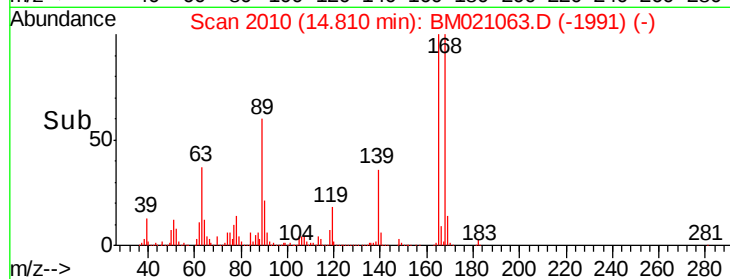
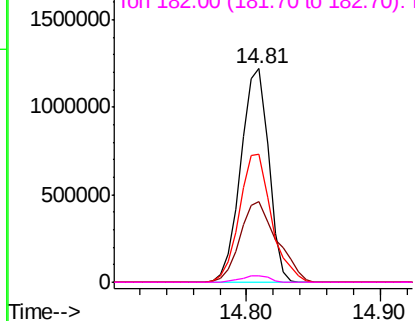
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 1760493

Ion	Ratio	Lower	Upper
165	100		
63	37.5	29.6	44.4
89	60.2	49.5	74.3
182	3.1	2.4	3.6



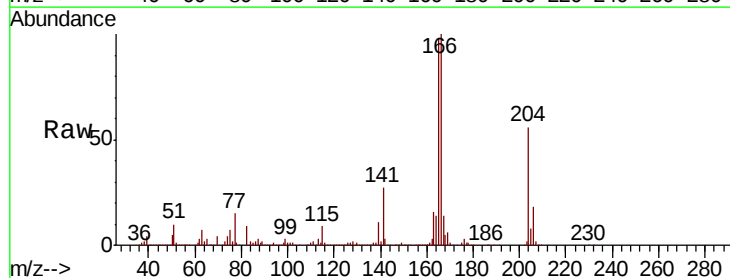
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E



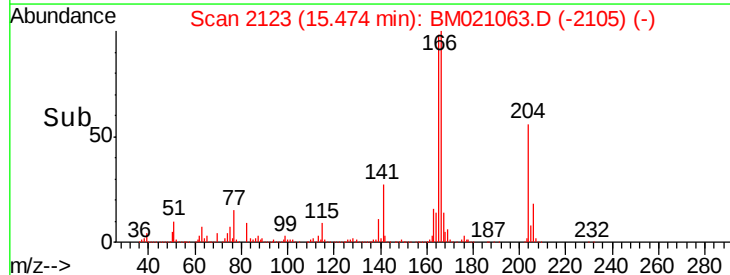
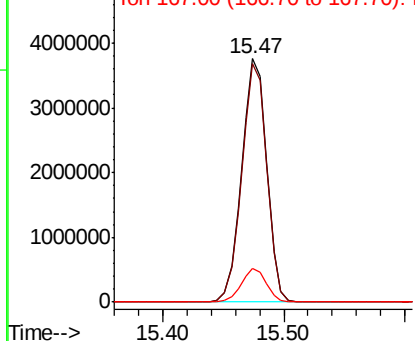
#58
 Fluorene
 Concen: 88.761 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

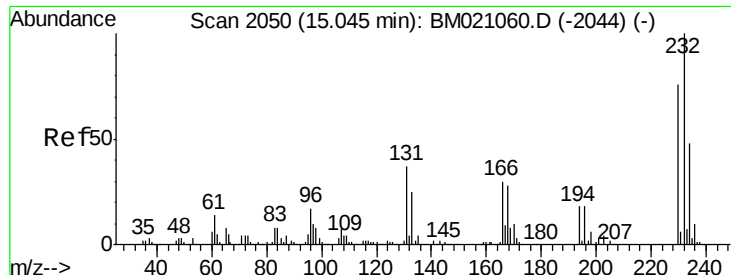
Tgt Ion:166 Resp: 5435981

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	13.8	10.9	16.3



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

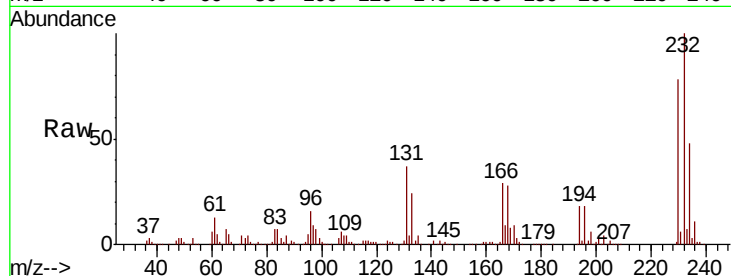




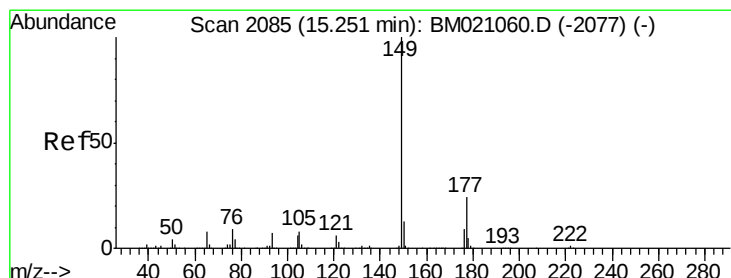
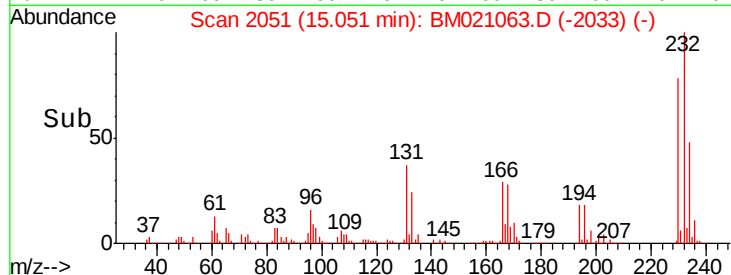
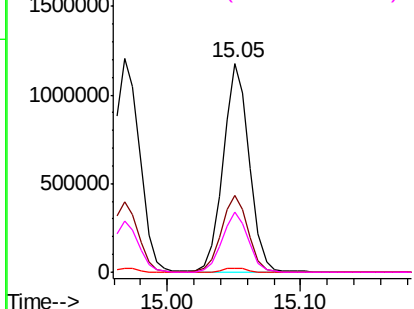
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 110.341 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 1601877
 Ion Ratio Lower Upper
 232 100
 131 37.6 30.6 46.0
 130 2.1 1.7 2.5
 166 29.0 23.4 35.0

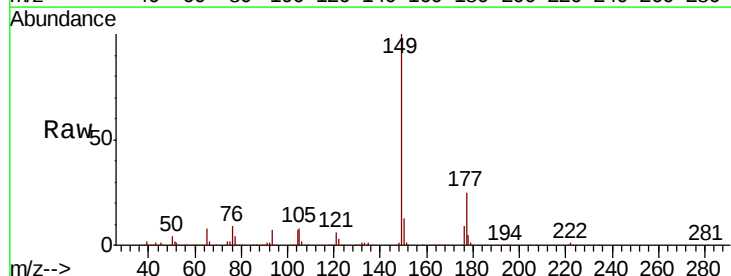


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

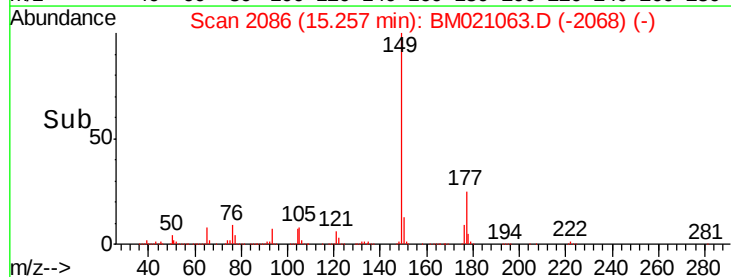
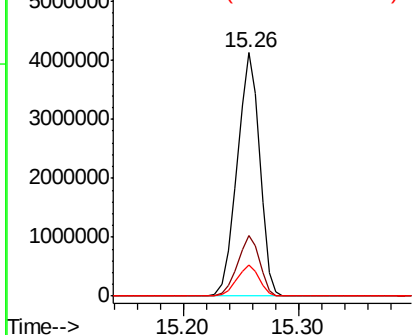


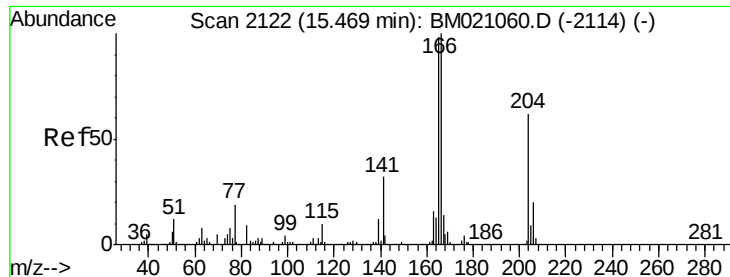
#60
 Diethylphthalate
 Concen: 82.407 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

Tgt Ion:149 Resp: 5555021
 Ion Ratio Lower Upper
 149 100
 177 24.9 19.1 28.7
 150 13.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

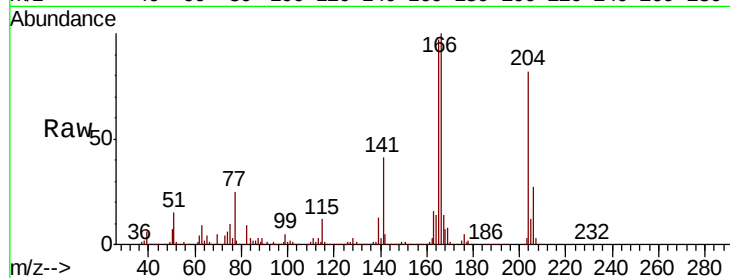




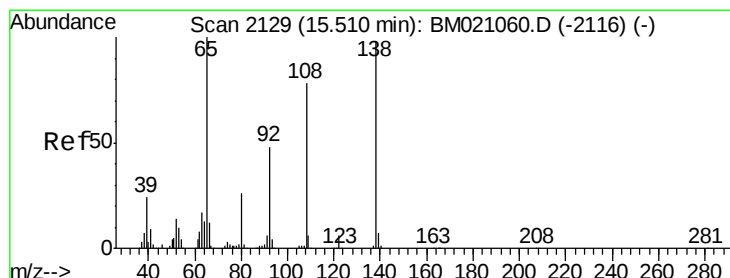
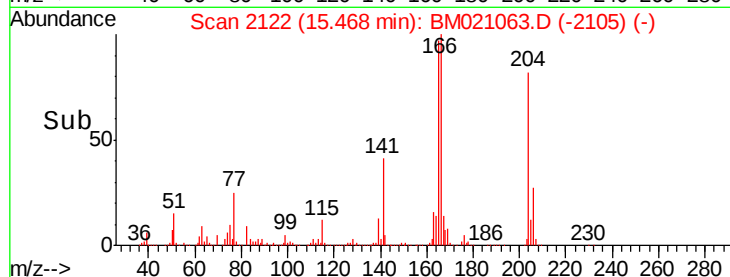
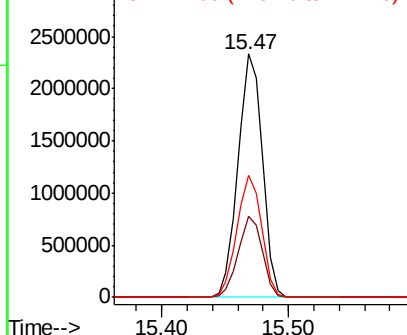
#61
4-Chlorophenyl-phenylether
Concen: 95.208 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 3087261
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 50.4 40.7 61.1

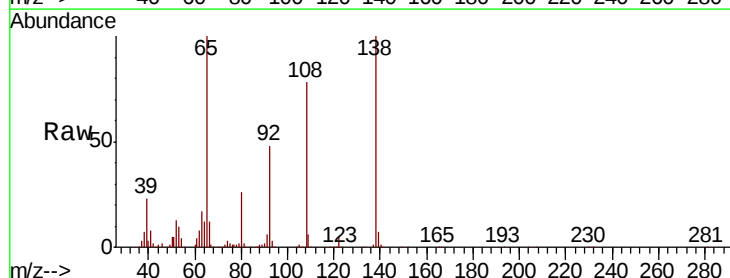


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

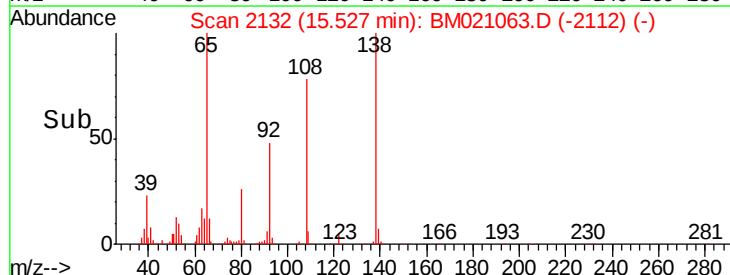
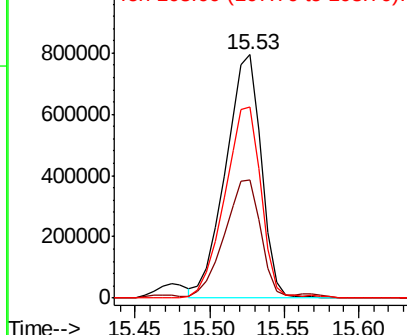


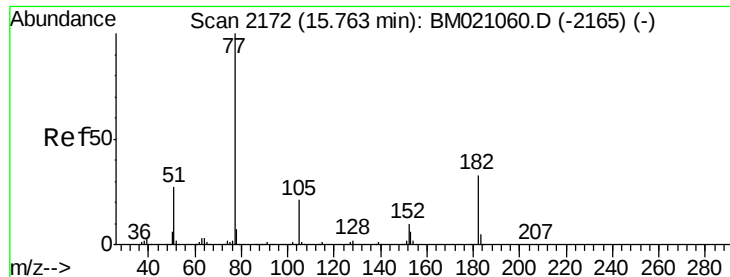
#62
4-Nitroaniline
Concen: 84.237 ng
RT: 15.53 min Scan# 2132
Delta R.T. 0.02 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Tgt Ion:138 Resp: 1323398
Ion Ratio Lower Upper
138 100
92 48.3 29.1 69.1
108 78.4 59.2 99.2



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





#63

Azobenzene

Concen: 70.847 ng

RT: 15.77 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

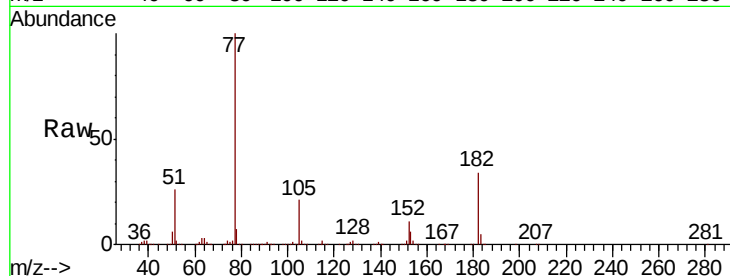
Instrument :

BNA_M

ClientSampled :

Tot Ion: 77 Resp: 4578575

Ion	Ratio	Lower	Upper
77	100		
182	33.7	12.6	52.6
105	21.4	1.1	41.1
51	26.5	6.9	46.9

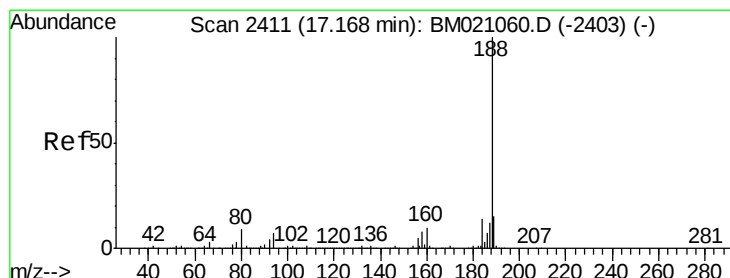
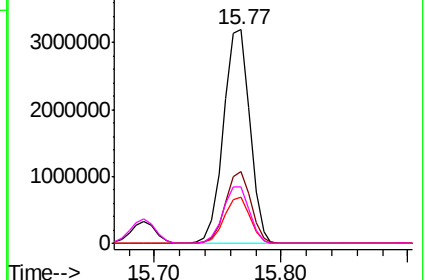
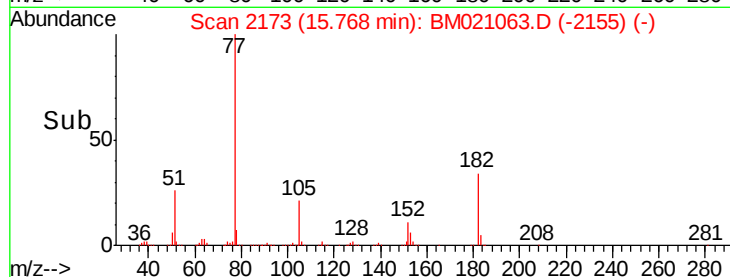


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

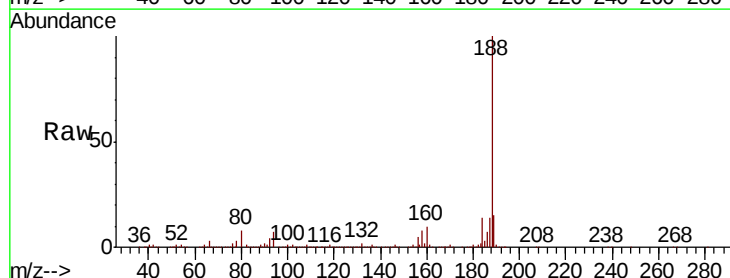
Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Tgt Ion: 188 Resp: 1819392

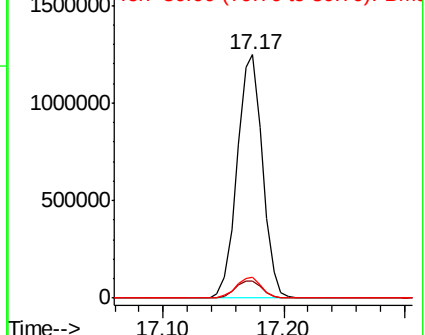
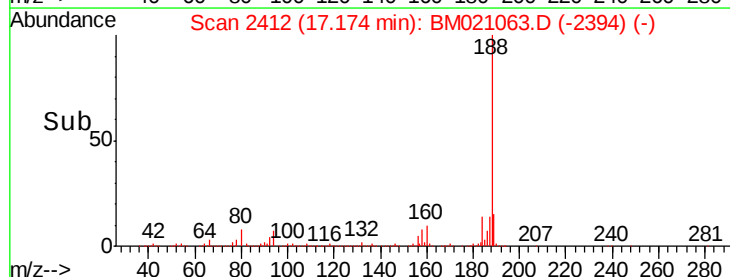
Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.8
80	8.3	6.9	10.3

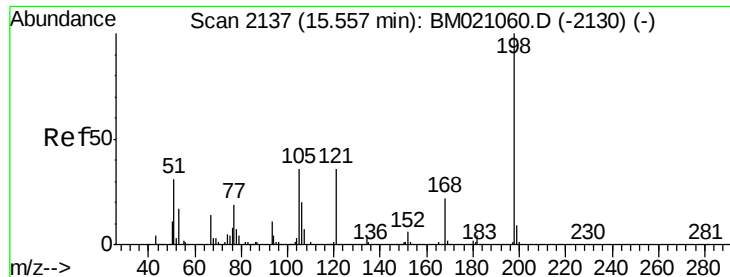


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

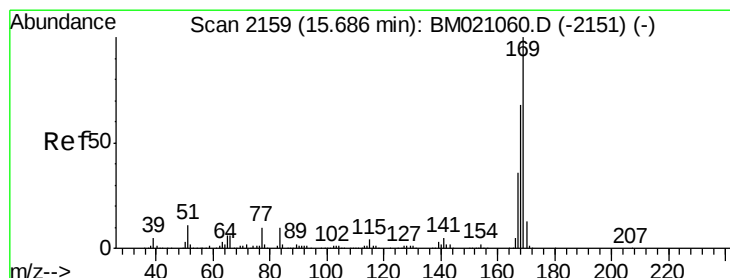
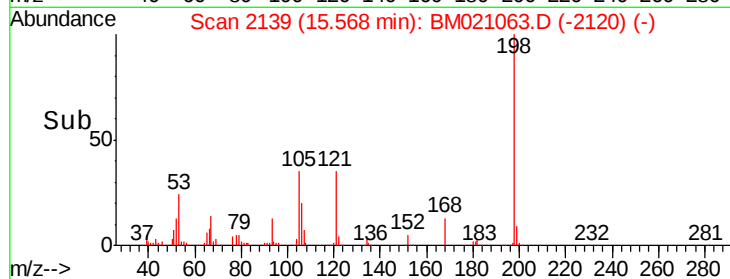
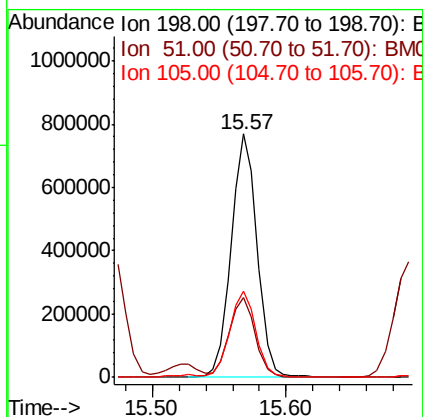
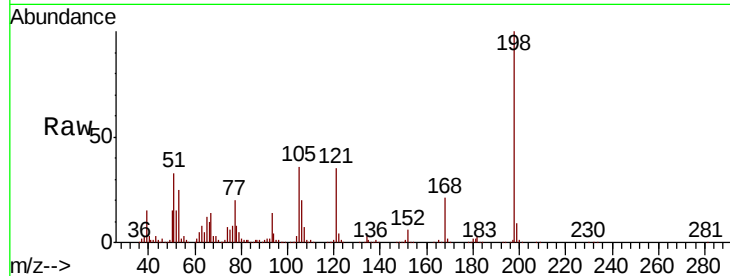




#65
4,6-Dinitro-2-methylphenol
Concen: 138.473 ng
RT: 15.57 min Scan# 2139
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

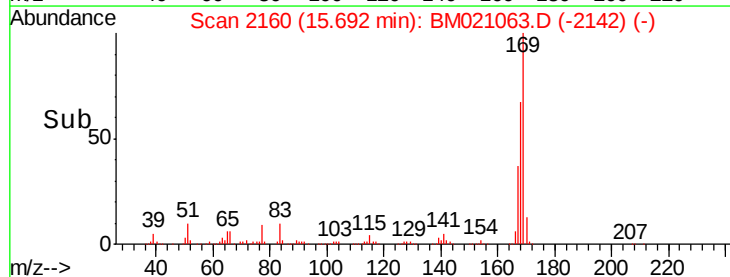
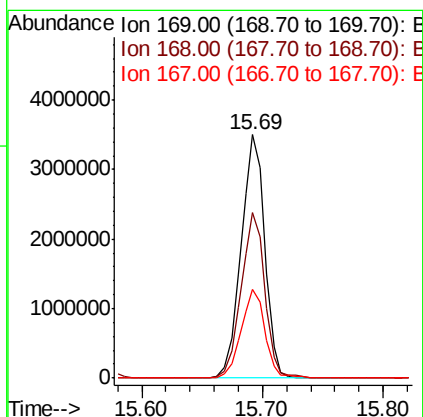
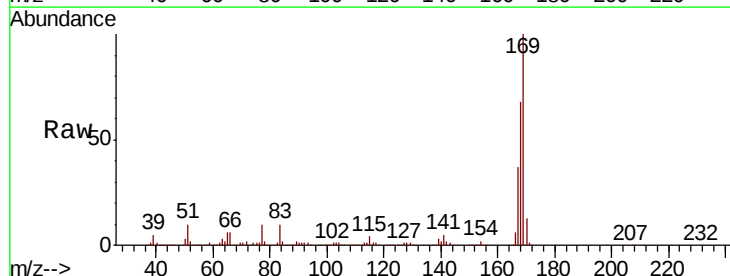
Instrument :
BNA_M
ClientSampled :

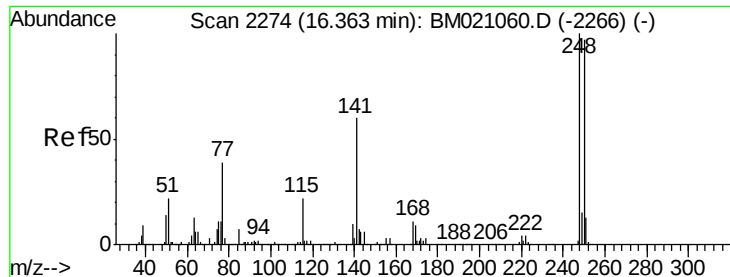
Tot Ion:198 Resp: 1041114
Ion Ratio Lower Upper
198 100
51 33.0 15.3 55.3
105 35.6 16.8 56.8



#66
n-Nitrosodiphenylamine
Concen: 81.755 ng
RT: 15.69 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Tgt Ion:169 Resp: 4761673
Ion Ratio Lower Upper
169 100
168 67.8 54.5 81.7
167 36.5 29.0 43.6



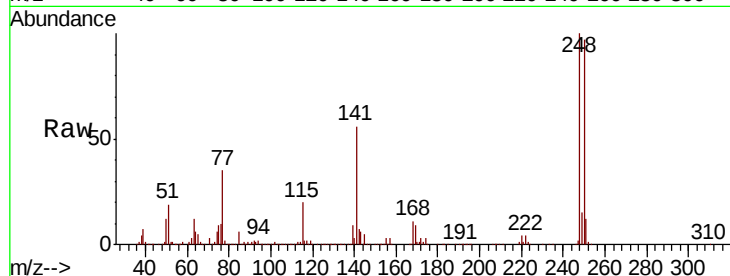


#67
 4-Bromophenyl-phenylether
 Concen: 96.266 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

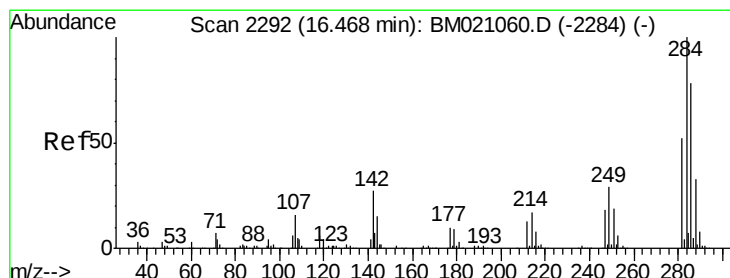
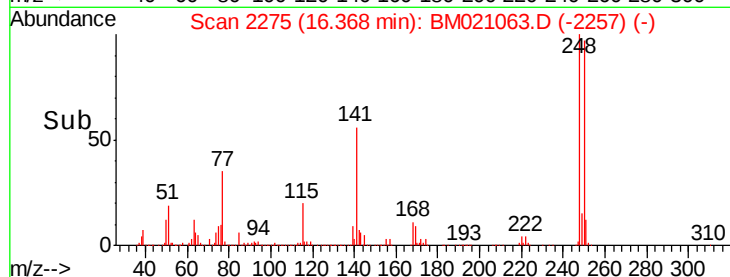
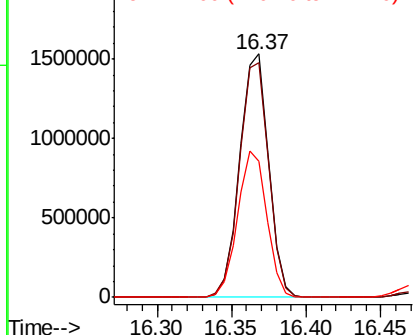
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 2062167

Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.5	116.3
141	56.2	47.8	71.6



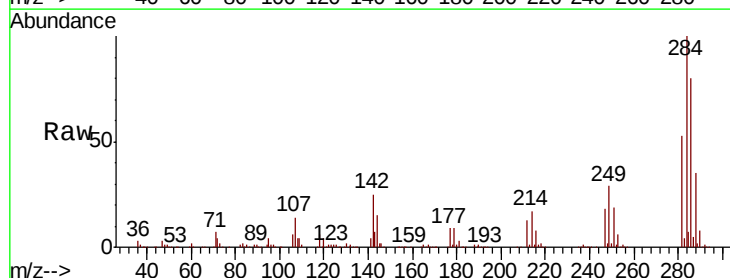
Abundance
 Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



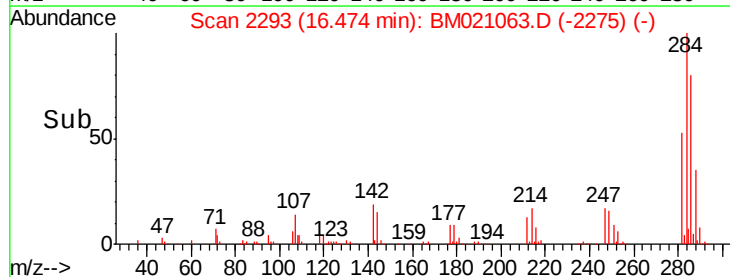
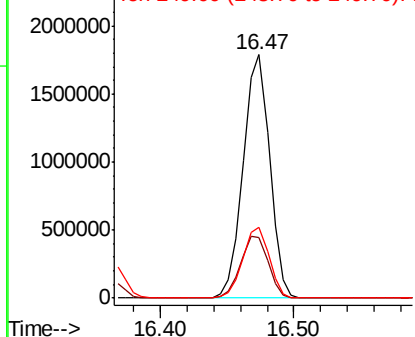
#68
 Hexachlorobenzene
 Concen: 97.805 ng
 RT: 16.47 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

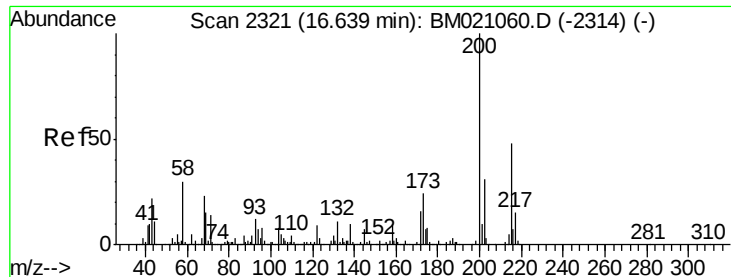
Tgt Ion:284 Resp: 2446494

Ion	Ratio	Lower	Upper
284	100		
142	24.7	21.2	31.8
249	29.3	23.4	35.0



Abundance
 Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 78.931 ng

RT: 16.64 min Scan# 2322

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampled :

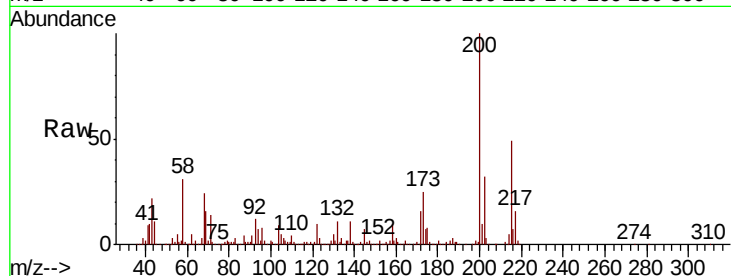
Tot Ion:200 Resp: 1372045

Ion Ratio Lower Upper

200 100

173 25.2 4.3 44.3

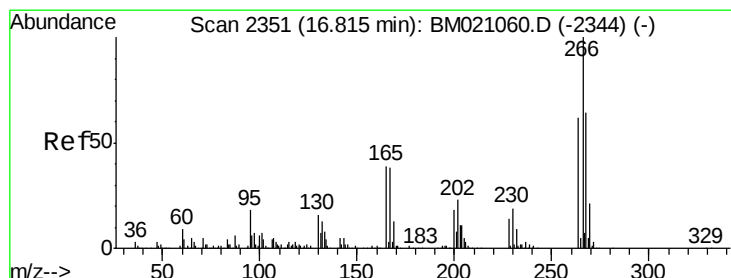
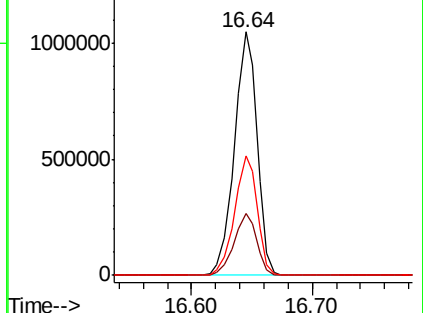
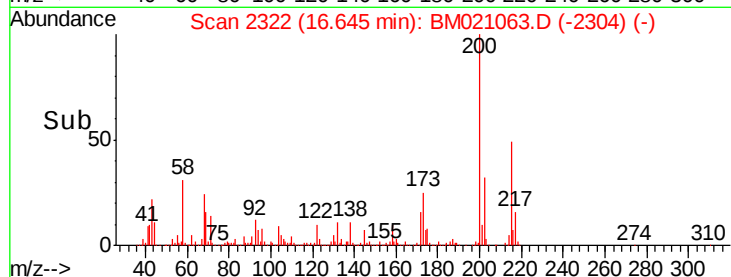
215 49.0 28.2 68.2



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: 114.191 ng

RT: 16.82 min Scan# 2352

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

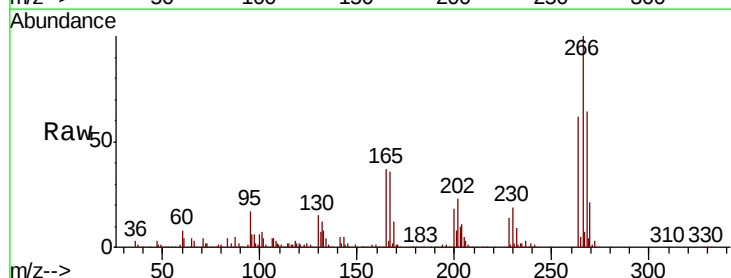
Tgt Ion:266 Resp: 1362677

Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.4

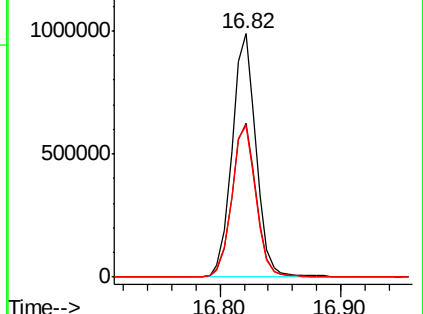
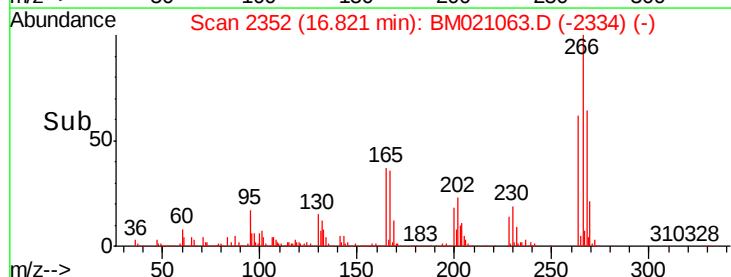
264 62.4 49.9 74.9

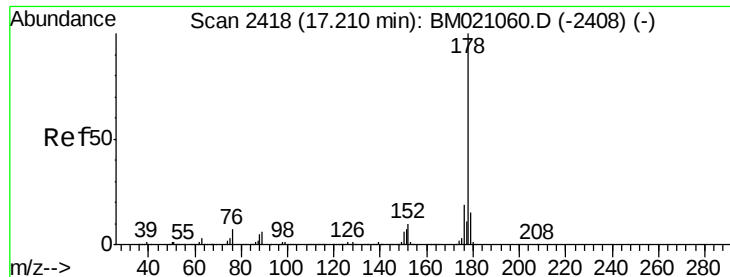


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

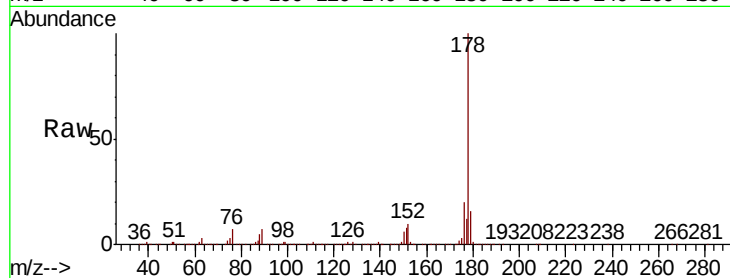




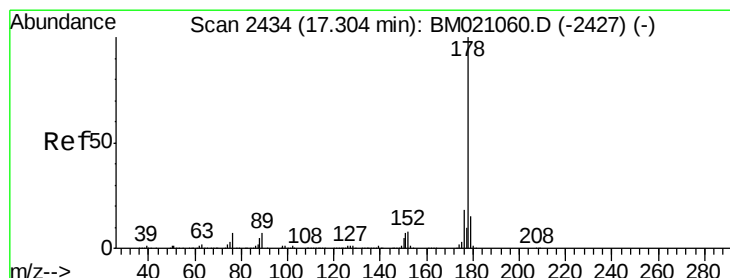
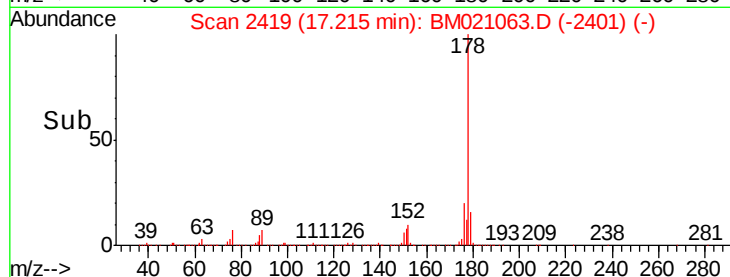
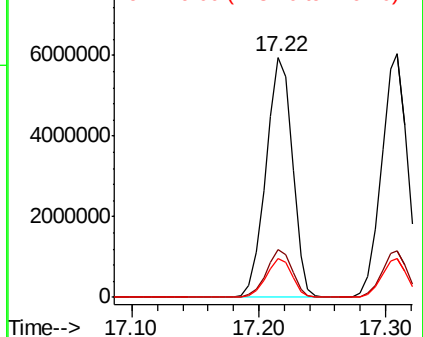
#71
Phenanthrene
Concen: 83.802 ng
RT: 17.22 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 8642393
Ion Ratio Lower Upper
178 100
176 19.8 15.2 22.8
179 16.1 12.2 18.4

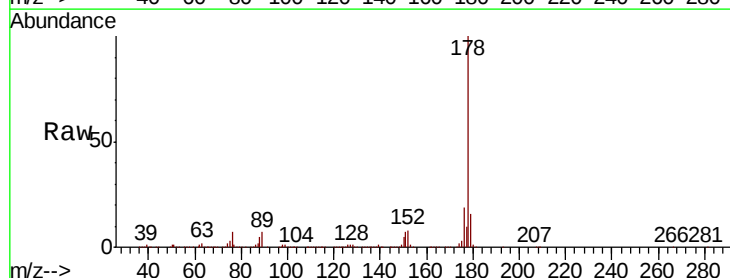


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

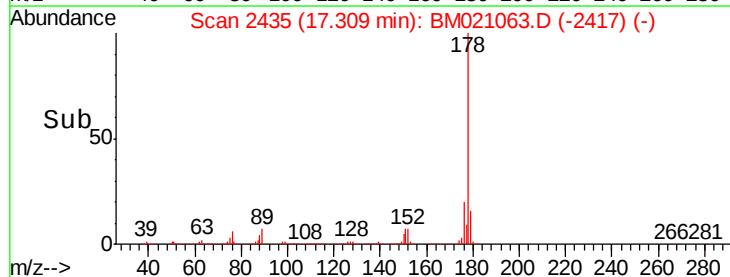
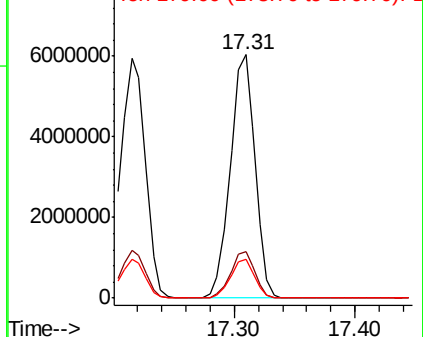


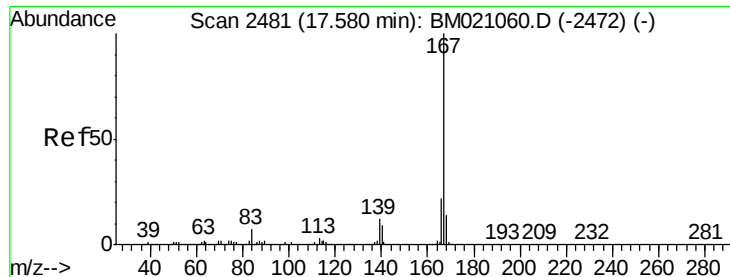
#72
Anthracene
Concen: 83.136 ng
RT: 17.31 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BM021063.D
Acq: 20 Jun 2019 13:13

Tgt Ion:178 Resp: 8581274
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.9 12.2 18.2



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



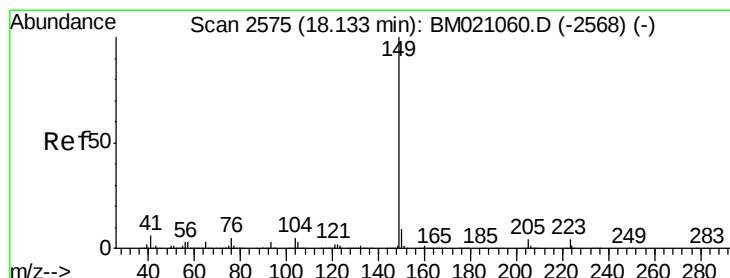
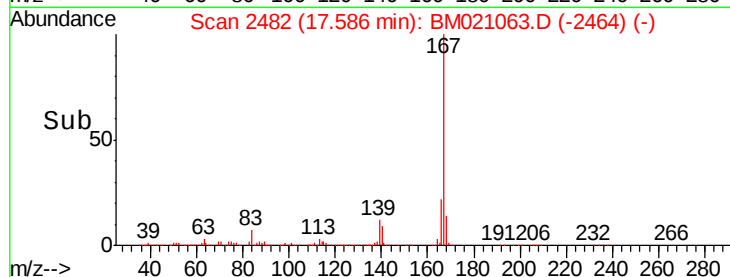
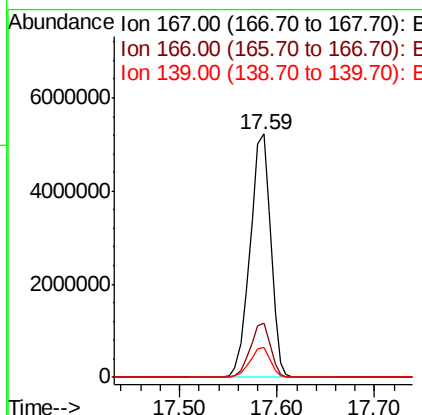
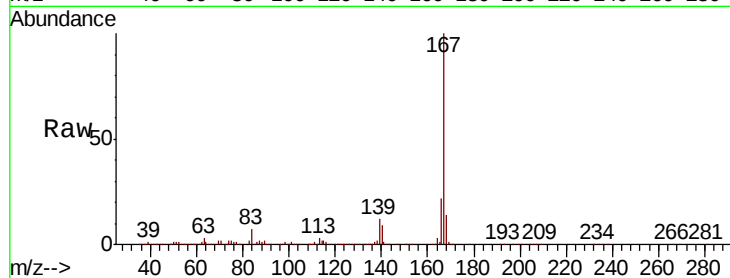


#73
 Carbazole
 Concen: 82.149 ng
 RT: 17.59 min Scan# 2482
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 7694729

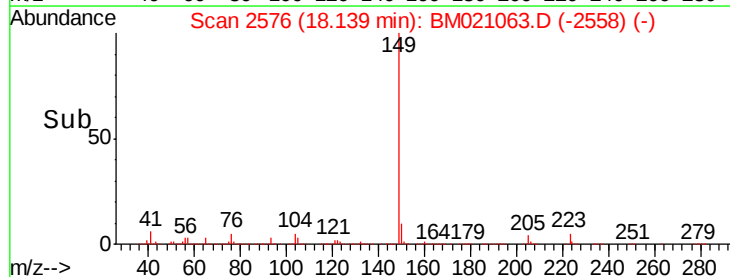
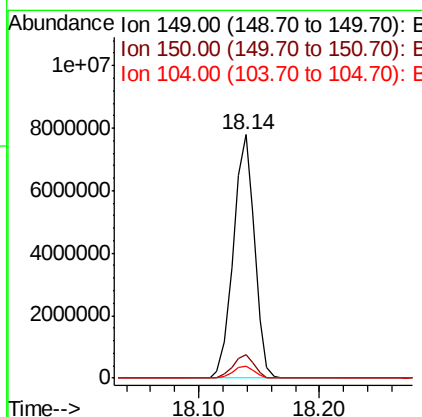
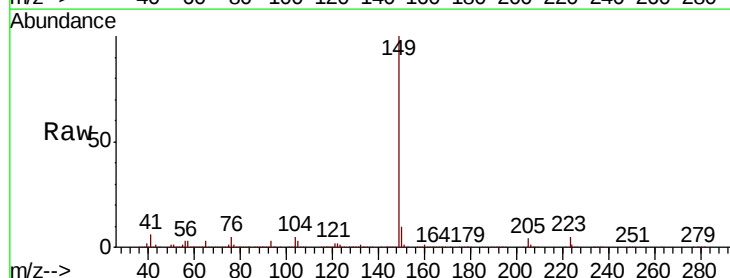
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.2
139	12.2	9.7	14.5

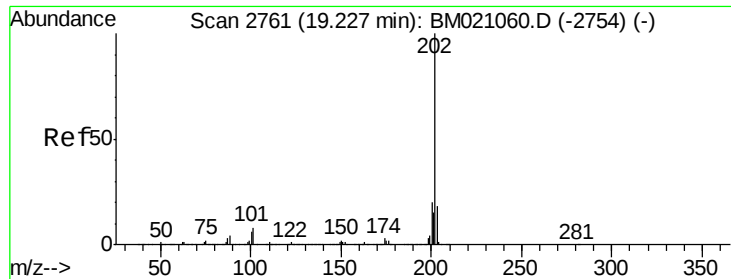


#74
 Di-n-butylphthalate
 Concen: 78.008 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. 0.01 min
 Lab File: BM021063.D
 Acq: 20 Jun 2019 13:13

Tgt Ion:149 Resp: 9485157

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.0
104	4.9	3.8	5.8





#75

Fluoranthene

Concen: 88.546 ng

RT: 19.23 min Scan# 2762

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

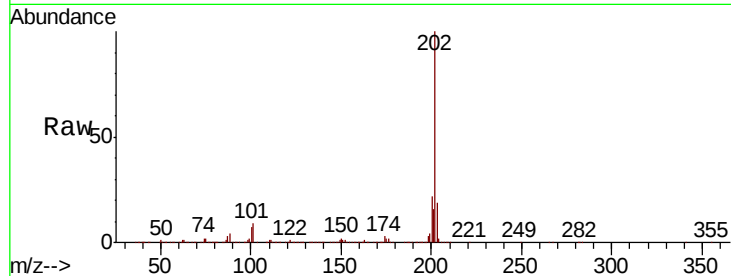
Tot Ion:202 Resp:10155192

Ion Ratio Lower Upper

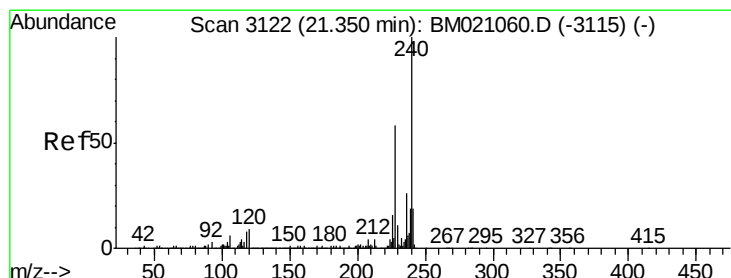
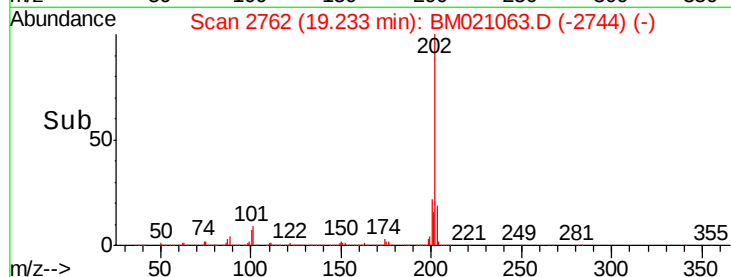
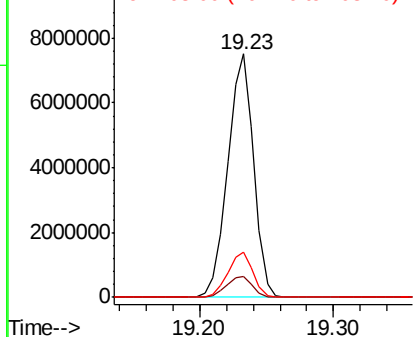
202 100

101 8.8 0.0 28.2

203 18.5 0.0 37.6



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: 21.36 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

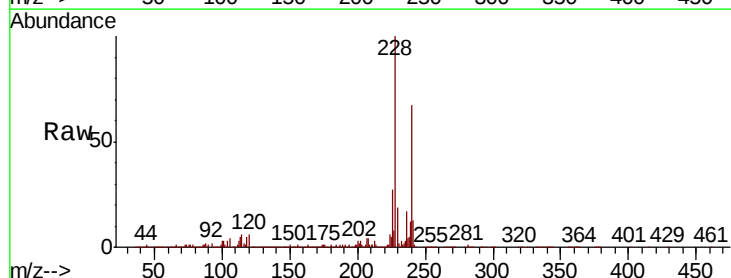
Tgt Ion:240 Resp: 1614500

Ion Ratio Lower Upper

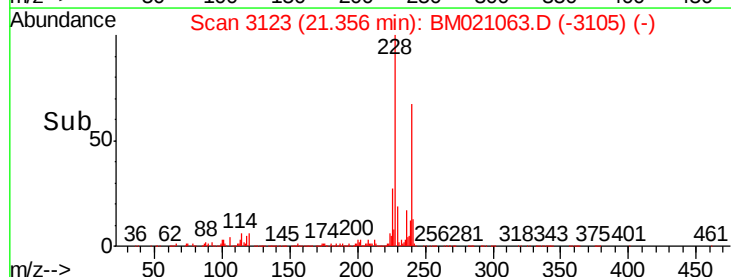
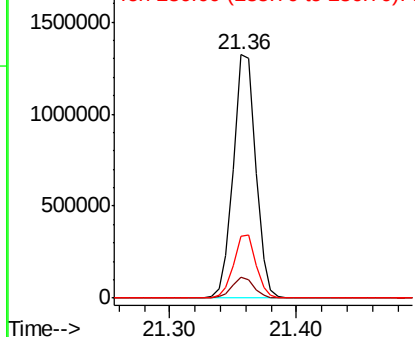
240 100

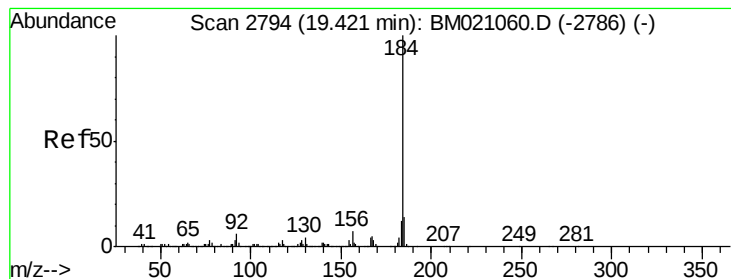
120 8.6 6.9 10.3

236 25.4 20.4 30.6



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: 65.344 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

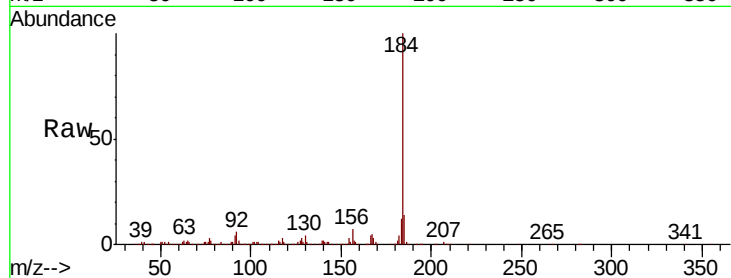
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 3196706

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.2
183	12.3	9.6	14.4

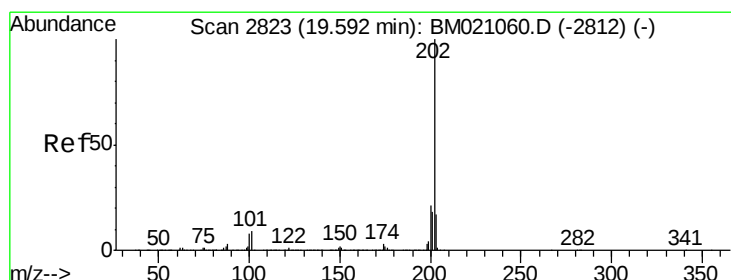
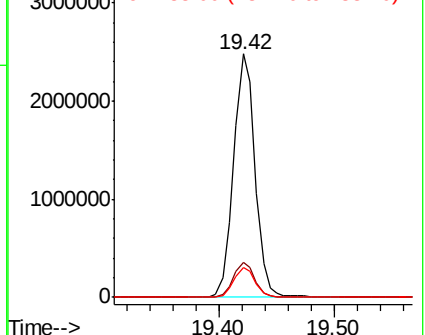
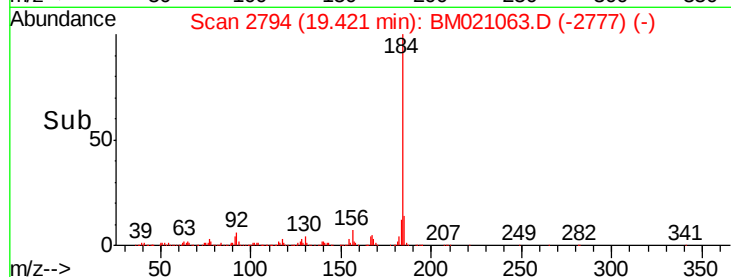


Abundance

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: 82.486 ng

RT: 19.60 min Scan# 2824

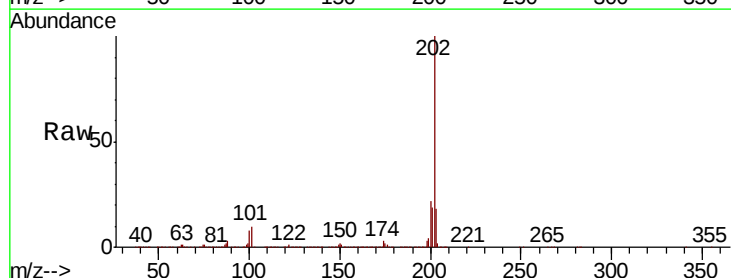
Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Tgt Ion:202 Resp:10219586

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.4
203	18.5	14.0	21.0

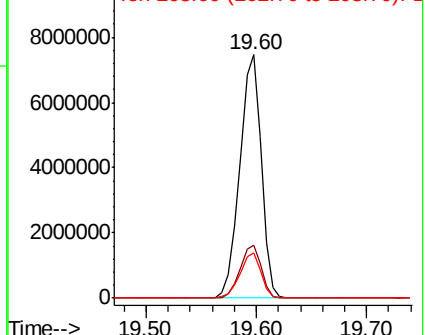
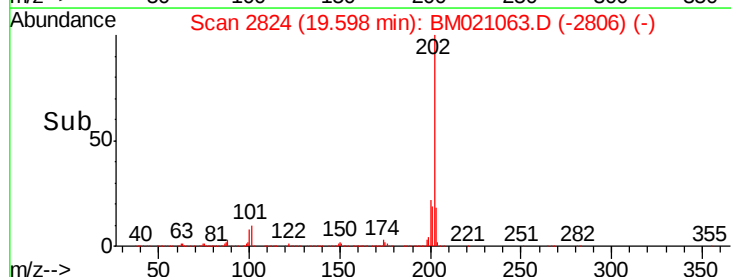


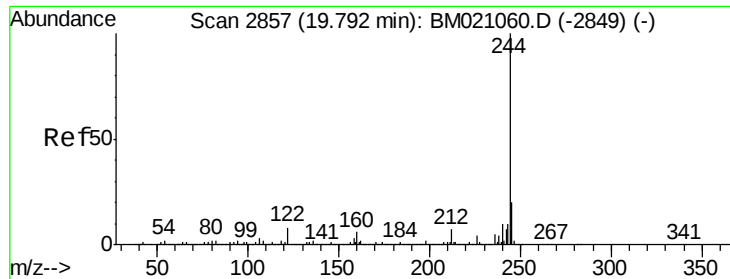
Abundance

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: 133.254 ng

RT: 19.80 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

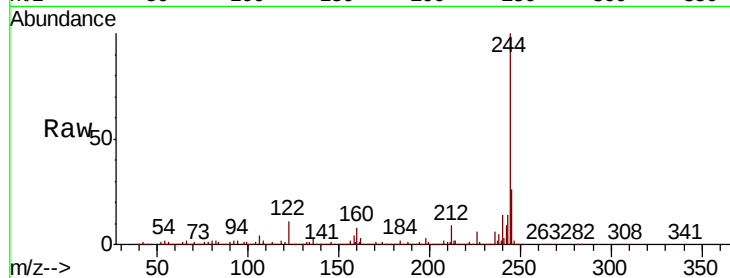
Tot Ion:244 Resp:12862143

Ion Ratio Lower Upper

244 100

212 9.0 5.3 7.9#

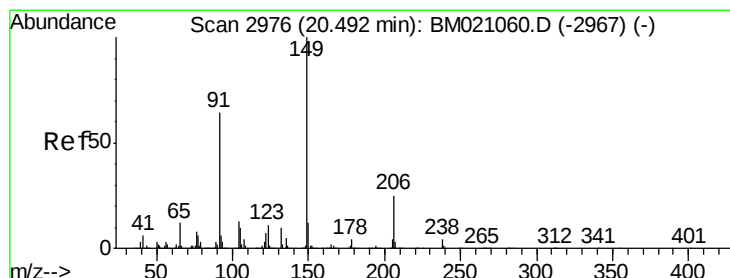
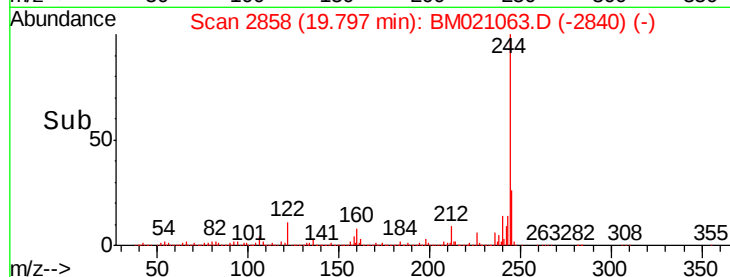
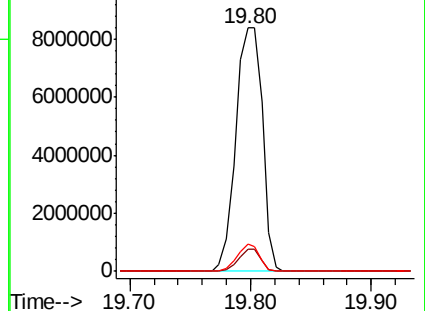
122 11.1 6.6 9.8#



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: 78.831 ng

RT: 20.50 min Scan# 2977

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

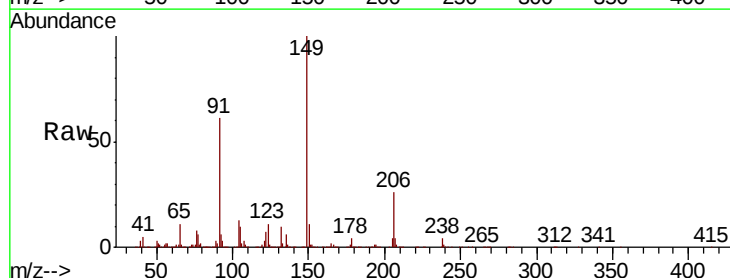
Tgt Ion:149 Resp: 4127409

Ion Ratio Lower Upper

149 100

91 61.0 50.9 76.3

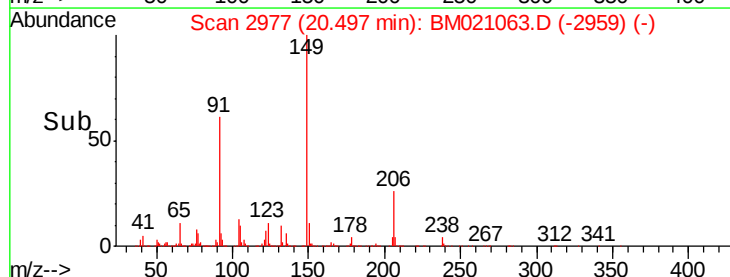
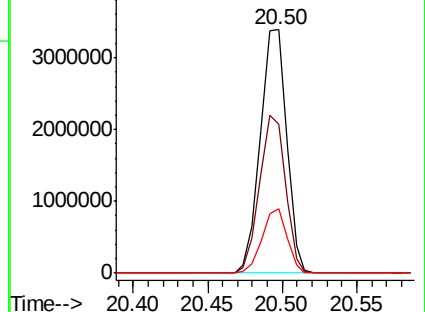
206 26.2 19.7 29.5

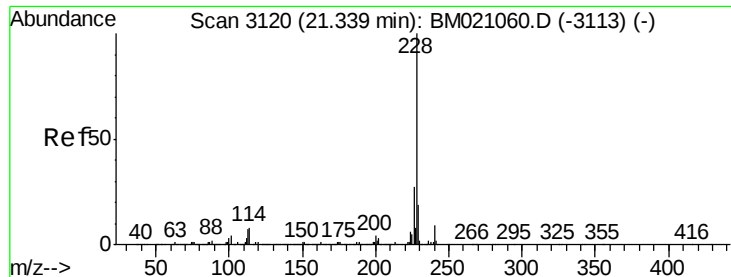


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 81.500 ng

RT: 21.34 min Scan# 3121

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

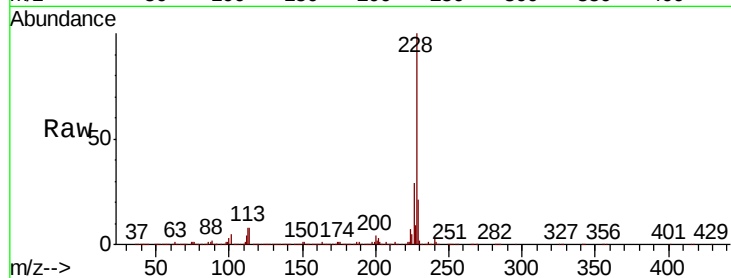
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 9163200

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.6	32.4
229	20.8	15.5	23.3

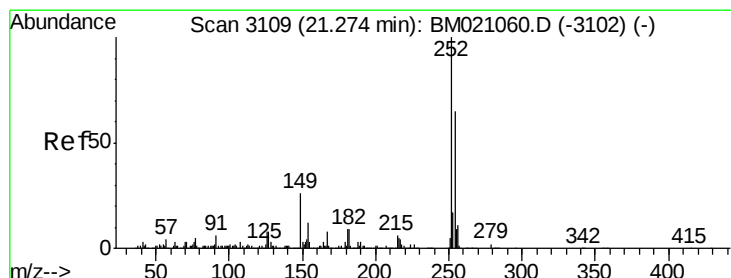
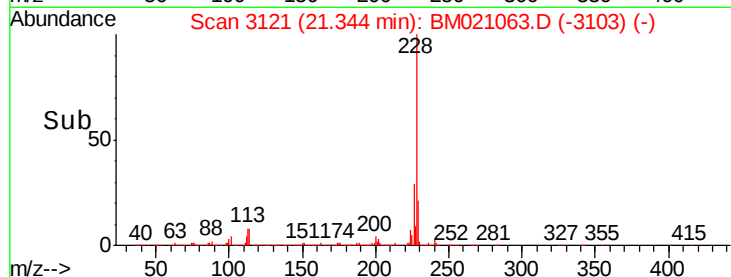
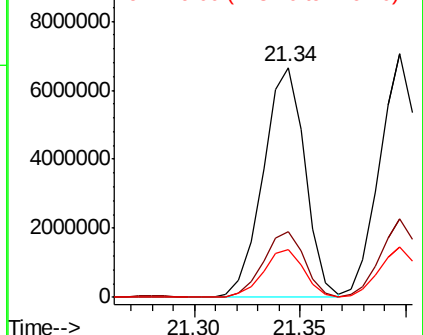


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 81.425 ng

RT: 21.28 min Scan# 3110

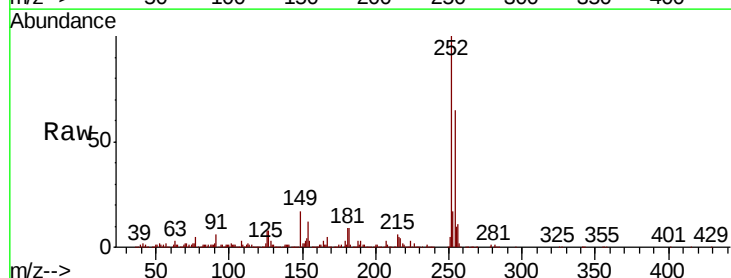
Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Tgt Ion:252 Resp: 3352380

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.7	77.5
126	8.4	6.6	9.8

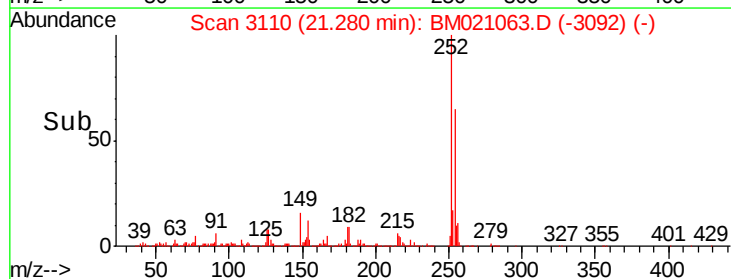
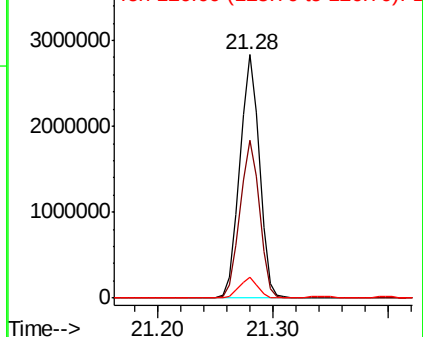


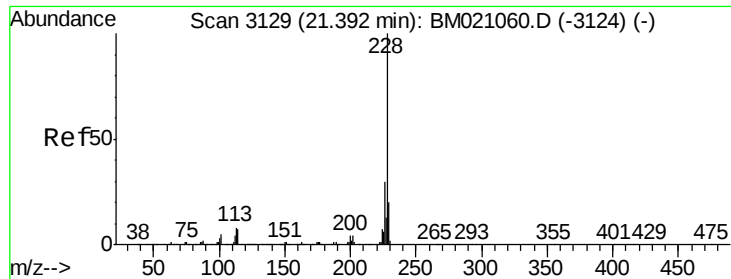
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 81.532 ng

RT: 21.40 min Scan# 3130

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

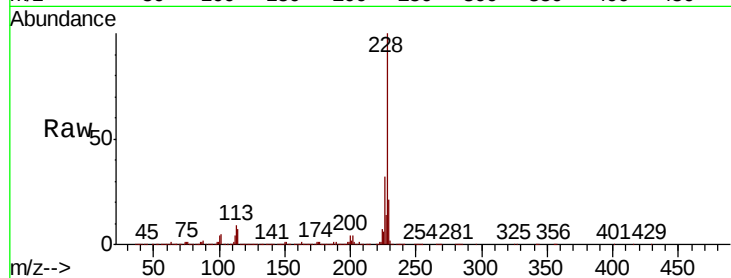
Tot Ion:228 Resp: 8713604

Ion Ratio Lower Upper

228 100

226 32.0 24.1 36.1

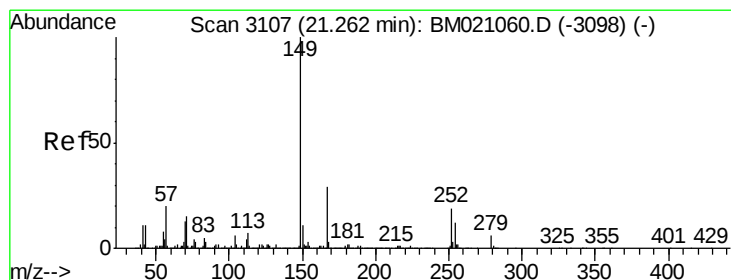
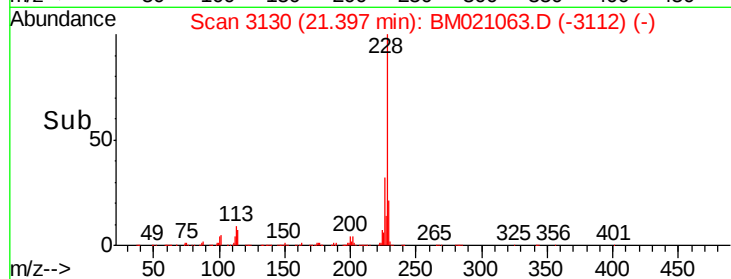
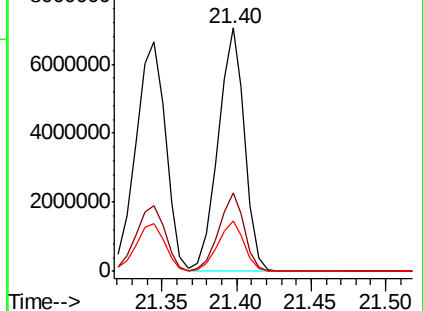
229 20.8 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.747 ng

RT: 21.27 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

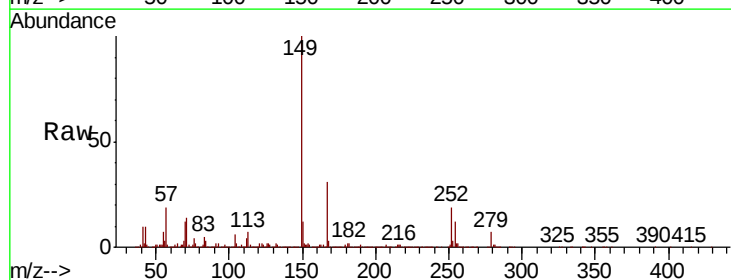
Tgt Ion:149 Resp: 5764024

Ion Ratio Lower Upper

149 100

167 30.6 23.0 34.4

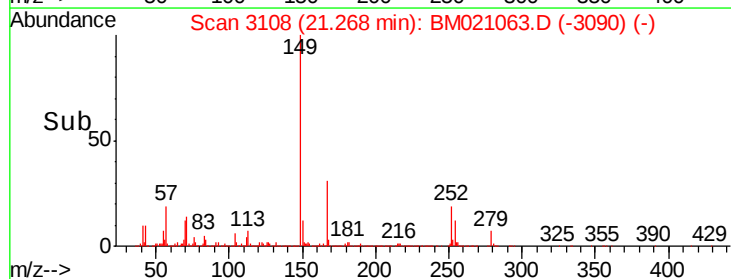
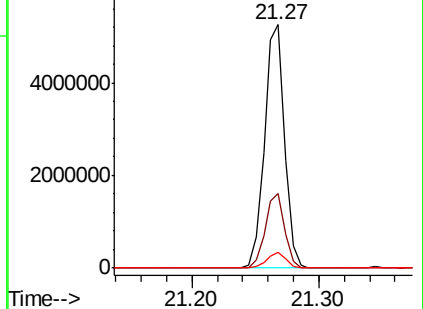
279 6.6 4.6 7.0

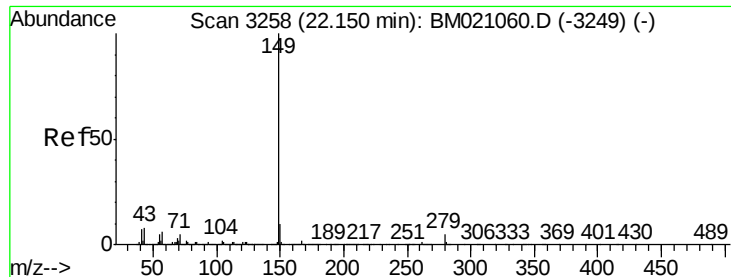


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 73.617 ng

RT: 22.16 min Scan# 3259

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

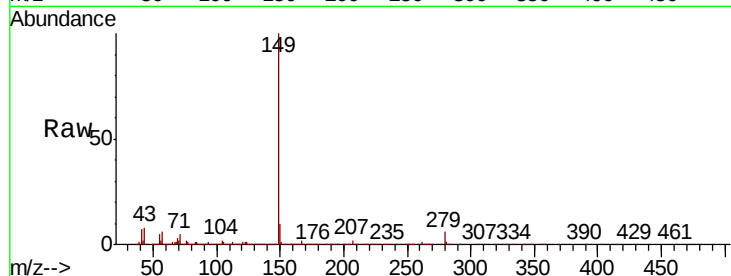
Tot Ion:149 Resp: 8893865

Ion Ratio Lower Upper

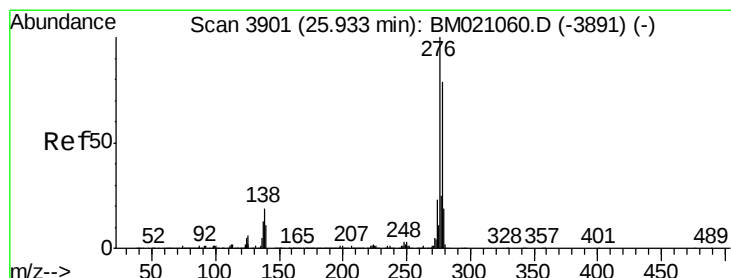
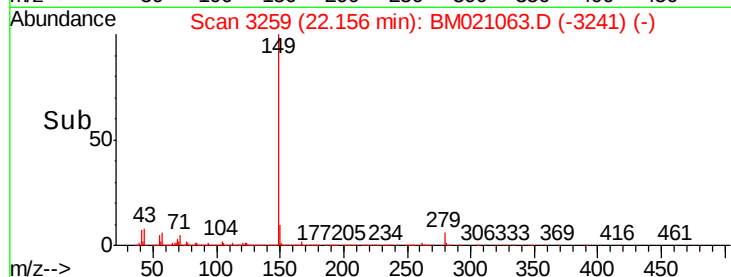
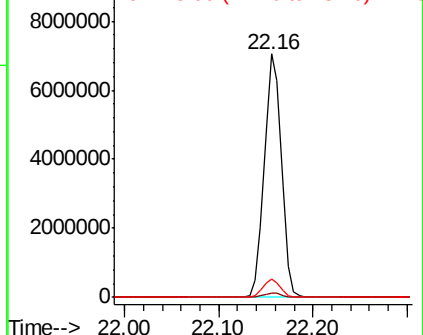
149 100

167 1.8 1.3 1.9

43 7.7 6.2 9.2



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: 82.994 ng

RT: 25.96 min Scan# 3905

Delta R.T. 0.02 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

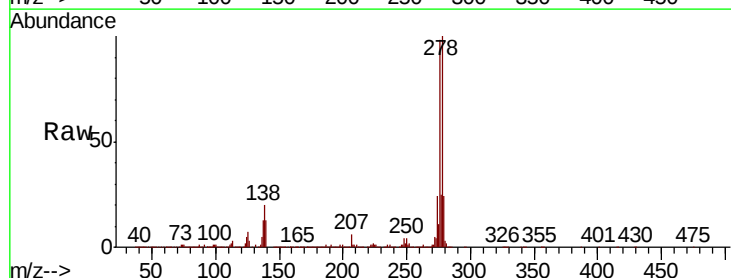
Tgt Ion:276 Resp: 9074265

Ion Ratio Lower Upper

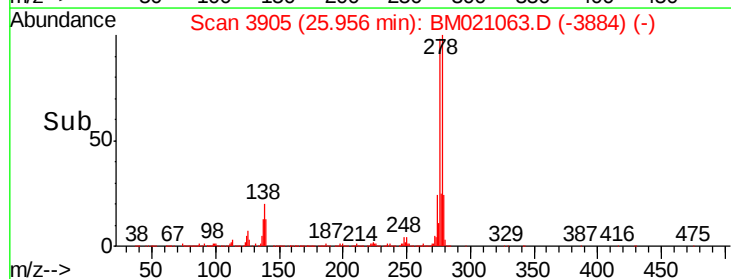
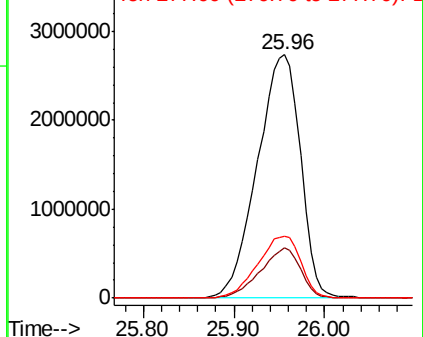
276 100

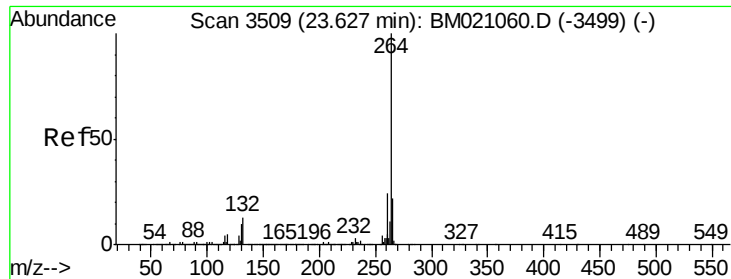
138 19.2 15.4 23.0

277 25.4 20.4 30.6



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: 23.63 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

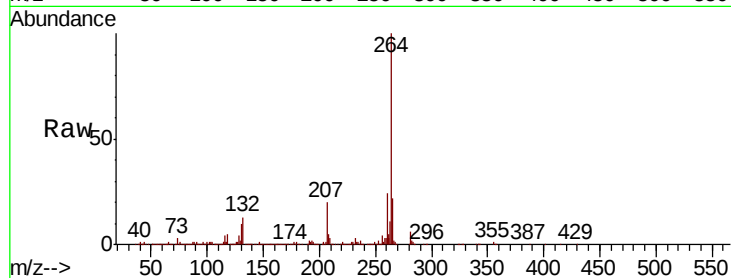
Tot Ion:264 Resp: 1430215

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	22.2	17.7	26.5

264 100

260 23.5 19.0 28.4

265 22.2 17.7 26.5

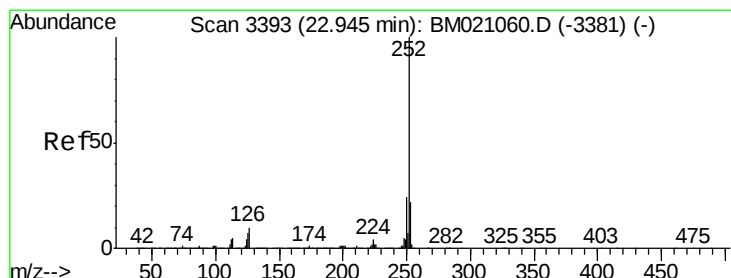
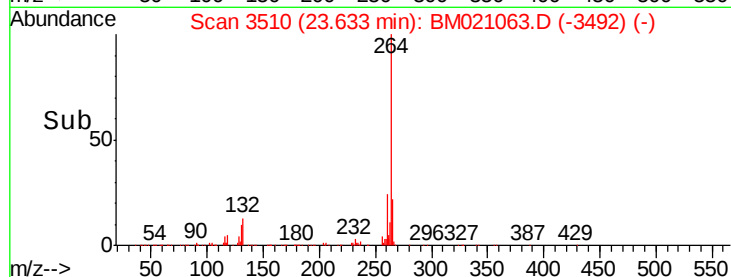
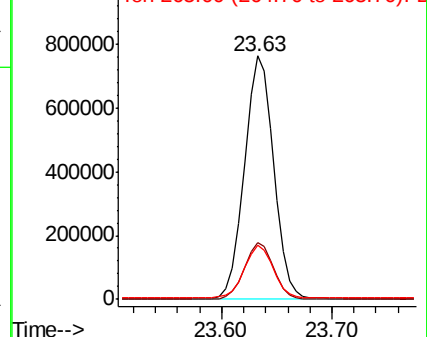


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 87.836 ng

RT: 22.96 min Scan# 3395

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

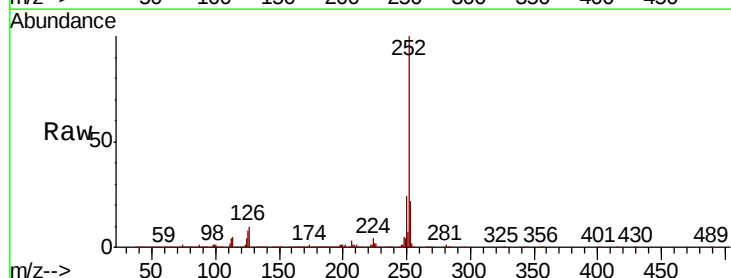
Tgt Ion:252 Resp: 8303043

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	7.5	5.9	8.9

252 100

253 22.3 17.4 26.0

125 7.5 5.9 8.9

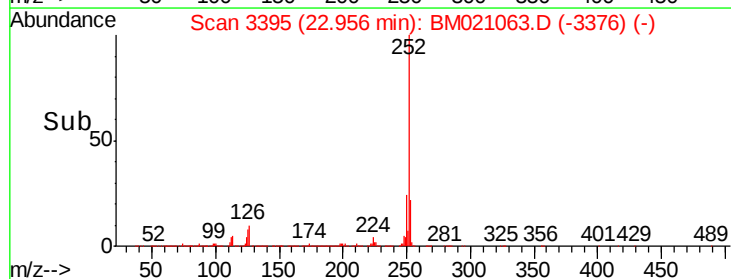
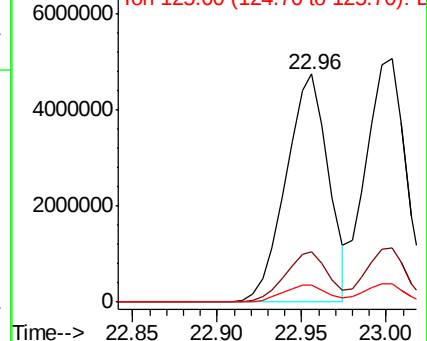


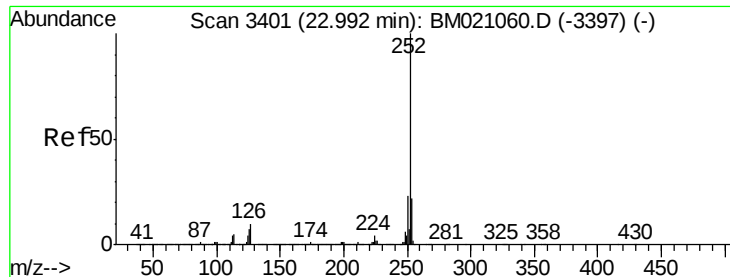
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 89.887 ng

RT: 23.00 min Scan# 3403

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Instrument :

BNA_M

ClientSampleId :

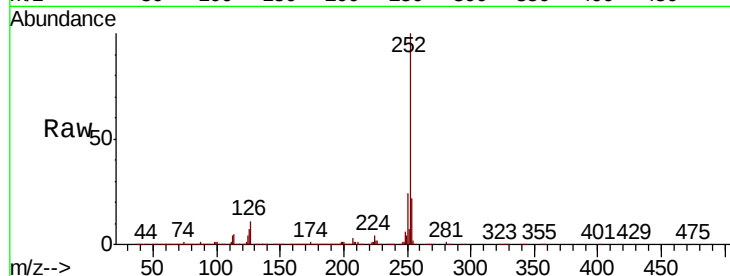
Tot Ion:252 Resp: 8303573

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

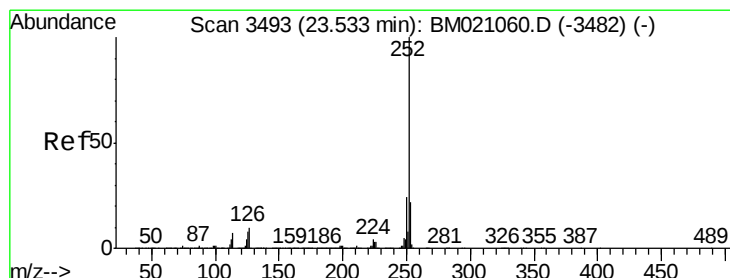
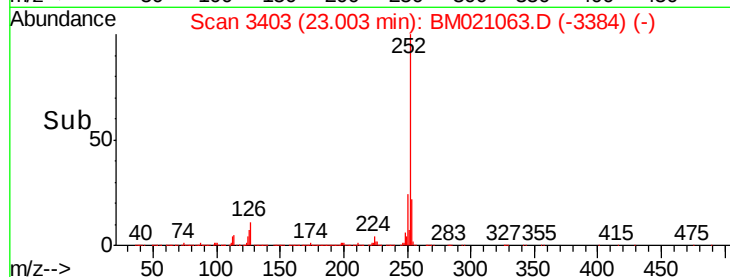
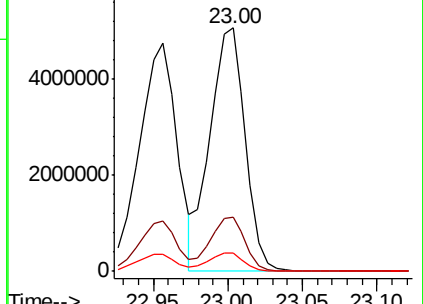
125 7.5 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 88.910 ng

RT: 23.54 min Scan# 3495

Delta R.T. 0.01 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

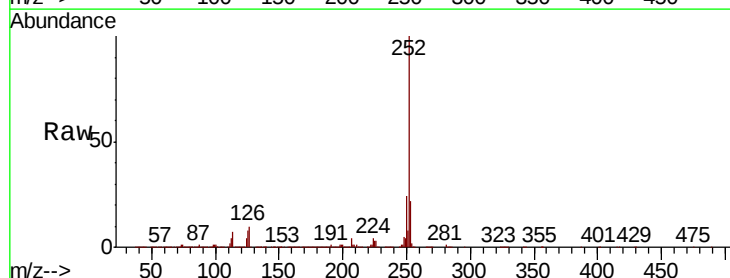
Tgt Ion:252 Resp: 7623314

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

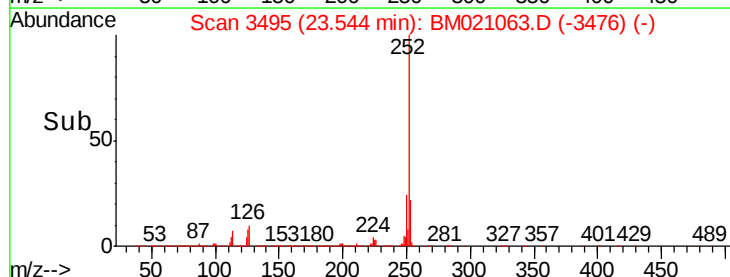
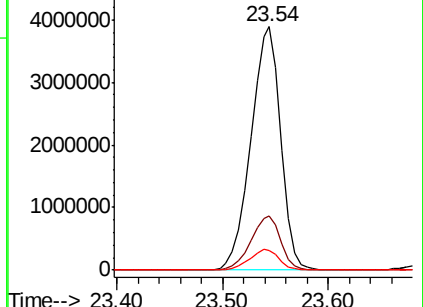
125 8.2 6.6 10.0

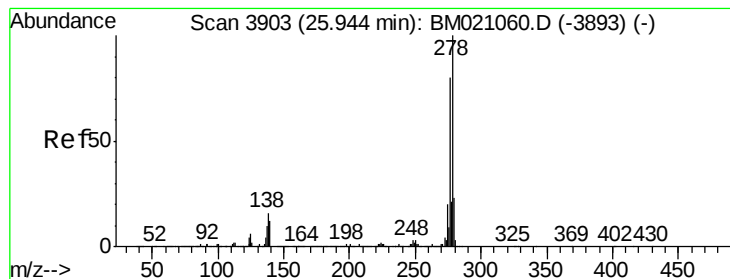


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 90.766 ng

RT: 25.96 min Scan# 3906

Delta R.T. 0.02 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

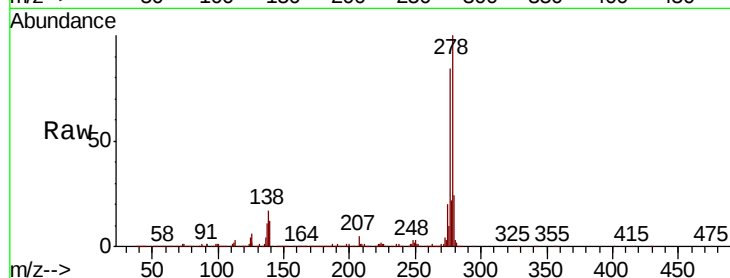
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 7550355

Ion	Ratio	Lower	Upper
278	100		
139	12.4	9.8	14.8
279	23.9	18.7	28.1

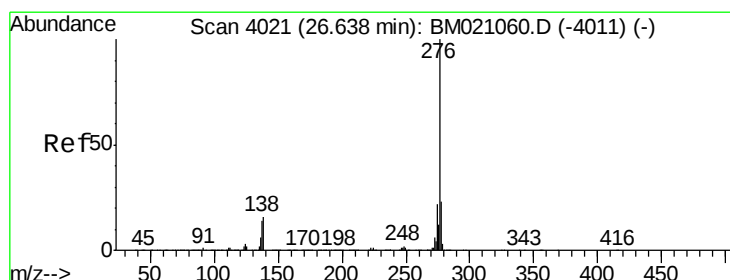
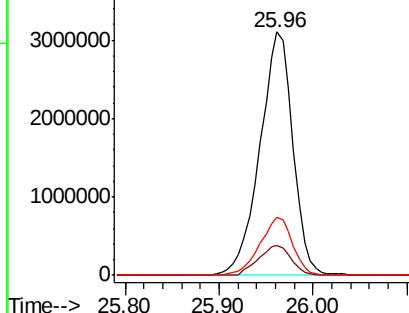
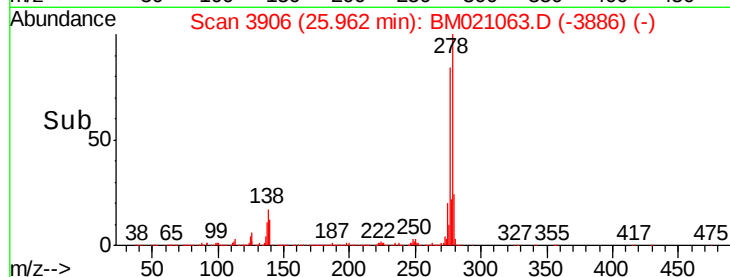


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 91.442 ng

RT: 26.66 min Scan# 4025

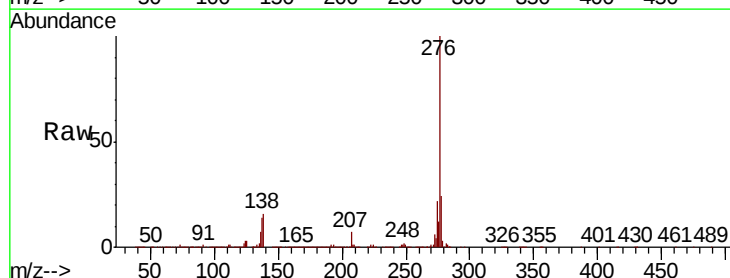
Delta R.T. 0.02 min

Lab File: BM021063.D

Acq: 20 Jun 2019 13:13

Tgt Ion:276 Resp: 7065369

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	16.1	13.1	19.7



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

