

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
 Data File : BM021059.D
 Acq On : 20 Jun 2019 10:48
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 20 12:27:32 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	229042	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	999552	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	660351	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1573372	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1489374	20.00	ng	0.00
87) Perylene-d12	23.63	264	1515851	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	499680	38.38	ng	0.00
7) Phenol-d6	6.95	99	706829	36.87	ng	0.00
23) Nitrobenzene-d5	8.94	82	747475	38.75	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	467415	57.13	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	2104105	42.36	ng	0.00
79) Terphenyl-d14	19.79	244	3163412	35.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	100424	18.838	ng	100
3) Pyridine	3.72	79	285408	16.827	ng	99
4) n-Nitrosodimethylamine	3.63	42	97662	13.357	ng	# 97
6) Aniline	7.12	93	473644	17.074	ng	100
8) 2-Chlorophenol	7.35	128	300481	18.550	ng	98
9) Benzaldehyde	6.93	77	229983	21.189	ng	98
10) Phenol	6.97	94	358622	17.357	ng	99
11) bis(2-Chloroethyl)ether	7.21	93	286677	17.410	ng	99
12) 1,3-Dichlorobenzene	7.67	146	371855	19.975	ng	98
13) 1,4-Dichlorobenzene	7.82	146	377037	19.922	ng	98
14) 1,2-Dichlorobenzene	8.13	146	365939	19.869	ng	97
15) Benzyl Alcohol	8.02	79	280222	16.521	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.30	45	378381	14.884	ng	98
17) 2-Methylphenol	8.22	107	255837	17.609	ng	99
18) Hexachloroethane	8.85	117	134524	18.565	ng	94
19) n-Nitroso-di-n-propylamine	8.59	70	258426	16.768	ng	99
20) 3+4-Methylphenols	8.55	107	349171	17.664	ng	98
22) Acetophenone	8.60	105	498791	19.643	ng	99
24) Nitrobenzene	8.99	77	373467	18.963	ng	98
25) Isophorone	9.50	82	698014	18.189	ng	99
26) 2-Nitrophenol	9.69	139	170721	23.259	ng	96
27) 2,4-Dimethylphenol	9.75	122	266839	19.401	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	440515	18.985	ng	100
29) 2,4-Dichlorophenol	10.22	162	334931	22.010	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	406442	23.229	ng	97
31) Naphthalene	10.62	128	1039771	20.229	ng	99
32) Benzoic acid	9.86	122	177704	23.076	ng	99
33) 4-Chloroaniline	10.74	127	465703	19.468	ng	99
34) Hexachlorobutadiene	10.89	225	252657	24.065	ng	99
35) Caprolactam	11.53	113	101978	19.290	ng	98
36) 4-Chloro-3-methylphenol	11.86	107	344644	19.480	ng	100
37) 2-Methylnaphthalene	12.23	142	797632	20.936	ng	97
38) 1-Methylnaphthalene	12.45	142	761712	20.997	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	477254	22.054	ng	100

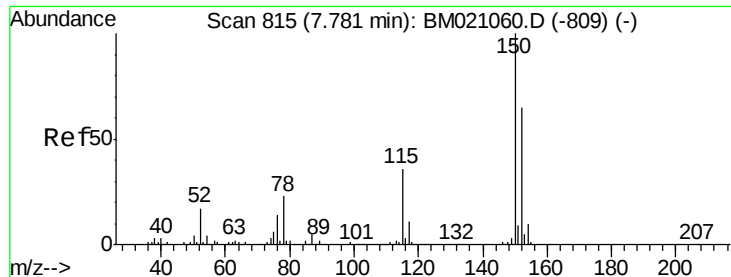
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	267838	20.694	ng	100
43) 2,4,6-Trichlorophenol	12.85	196	311213	22.342	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	325531	22.637	ng	99
46) 1,1'-Biphenyl	13.25	154	1107449	20.081	ng	99
47) 2-Chloronaphthalene	13.29	162	896411	20.139	ng	99
48) 2-Nitroaniline	13.50	65	235951	16.889	ng	94
49) Acenaphthylene	14.15	152	1370948	19.740	ng	99
50) Dimethylphthalate	13.88	163	1157672	20.520	ng	100
51) 2,6-Dinitrotoluene	14.00	165	242780	21.193	ng	99
52) Acenaphthene	14.49	154	826886	19.979	ng	99
53) 3-Nitroaniline	14.34	138	242233	18.945	ng	97
54) 2,4-Dinitrophenol	14.54	184	121557	30.043	ng	97
55) Dibenzofuran	14.82	168	1355045	21.080	ng	99
56) 4-Nitrophenol	14.64	139	185507	19.688	ng	95
57) 2,4-Dinitrotoluene	14.79	165	330591	21.553	ng	95
58) Fluorene	15.47	166	1094176	20.699	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	316636	25.268	ng	99
60) Diethylphthalate	15.24	149	1140856	19.607	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	613748	21.928	ng	98
62) 4-Nitroaniline	15.50	138	260255	19.192	ng	100
63) Azobenzene	15.76	77	942236	16.891	ng	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	168264	25.879	ng	100
66) n-Nitrosodiphenylamine	15.68	169	962764	19.115	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	399646	21.574	ng	98
68) Hexachlorobenzene	16.47	284	477774	22.087	ng	100
69) Atrazine	16.64	200	350615	23.324	ng	99
70) Pentachlorophenol	16.82	266	249015	24.130	ng	99
71) Phenanthrene	17.21	178	1809041	20.284	ng	100
72) Anthracene	17.30	178	1773220	19.865	ng	99
73) Carbazole	17.57	167	1564139	19.310	ng	100
74) Di-n-butylphthalate	18.13	149	1925650	18.313	ng	100
75) Fluoranthene	19.23	202	2104958	21.224	ng	99
77) Benzidine	19.42	184	959970	21.271	ng	99
78) Pyrene	19.59	202	2153945	18.846	ng	99
80) Butylbenzylphthalate	20.49	149	810199	16.774	ng	95
81) Benzo(a)anthracene	21.33	228	2037780	19.647	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	775025	20.406	ng	99
83) Chrysene	21.39	228	1945874	19.737	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1156151	16.470	ng	100
85) Di-n-octyl phthalate	22.15	149	1850382	16.603	ng	100
86) Indeno(1,2,3-cd)pyrene	25.93	276	2126733	21.085	ng	99
88) Benzo(b)fluoranthene	22.94	252	1945077	19.414	ng	99
89) Benzo(k)fluoranthene	22.99	252	1906109	19.468	ng	100
90) Benzo(a)pyrene	23.53	252	1754904	19.311	ng	99
91) Dibenzo(a,h)anthracene	25.94	278	1767086	20.043	ng	99
92) Benzo(g,h,i)perylene	26.63	276	1647575	20.119	ng	99

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

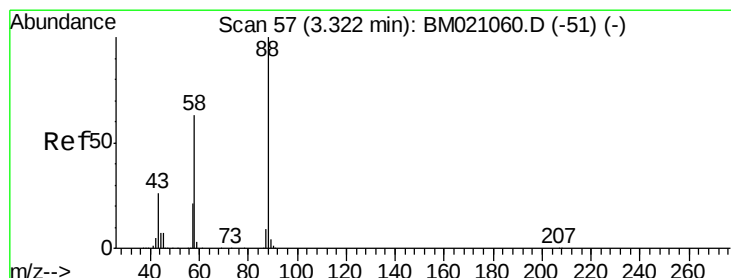
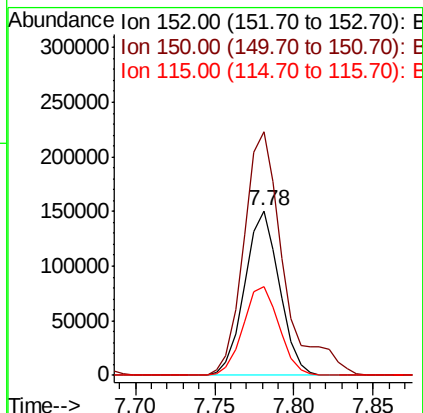
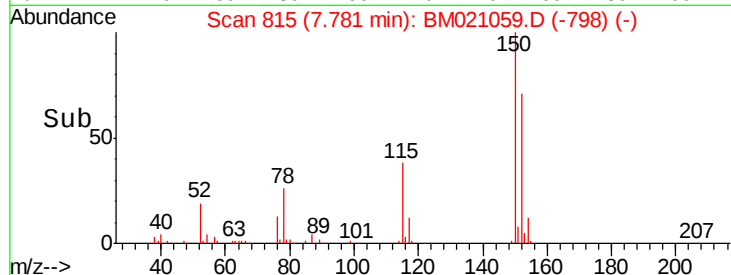
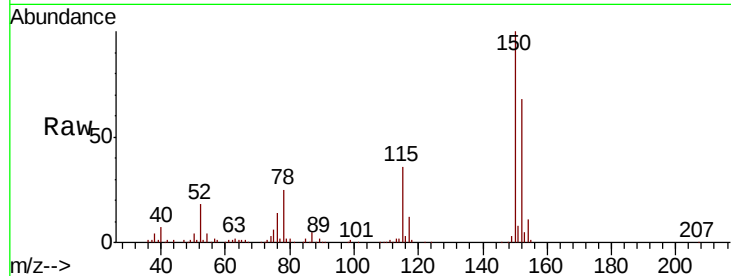


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :

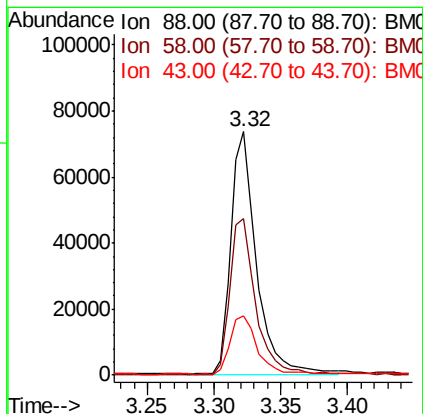
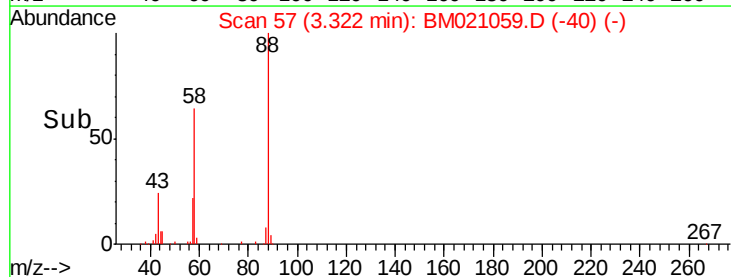
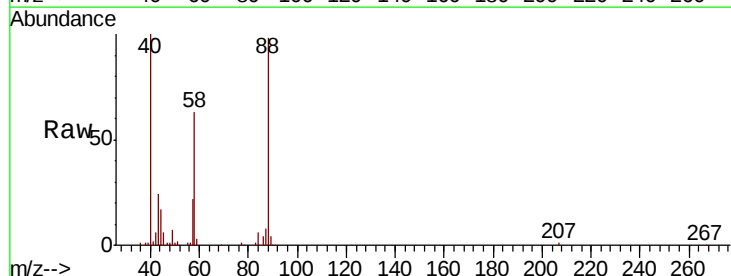
Tot Ion:152 Resp: 229042
Ion Ratio Lower Upper
152 100
150 147.9 123.1 184.7
115 53.7 44.2 66.4

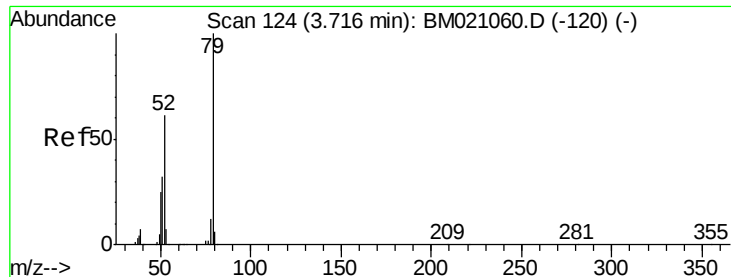


#2

1,4-Dioxane
Concen: 18.838 ng
RT: 3.32 min Scan# 57
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 88 Resp: 100424
Ion Ratio Lower Upper
88 100
58 64.7 51.9 77.9
43 26.8 21.4 32.2





#3

Pvridine

Concen: 16.827 ng

RT: 3.72 min Scan# 125

Delta R.T. 0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

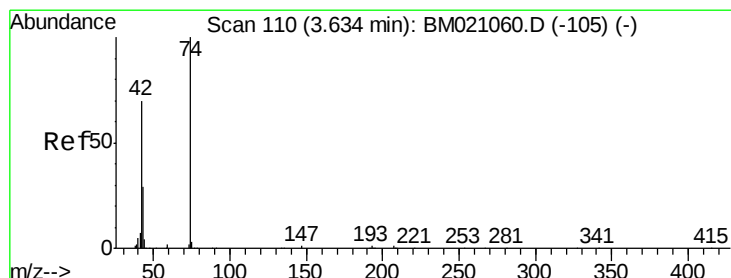
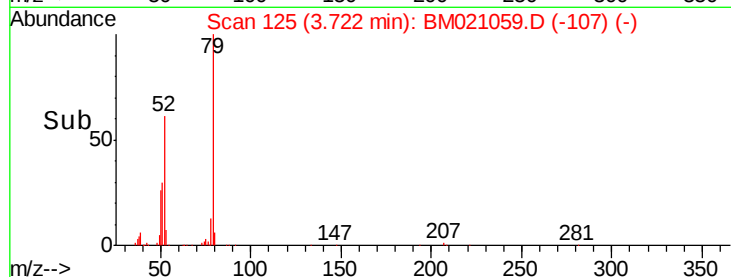
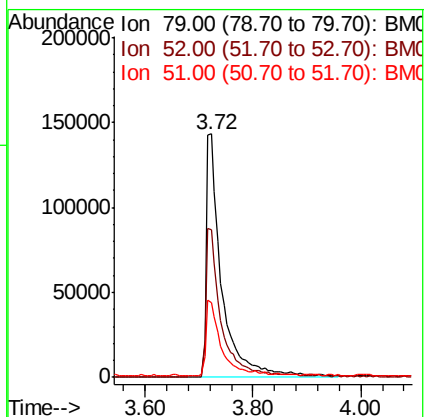
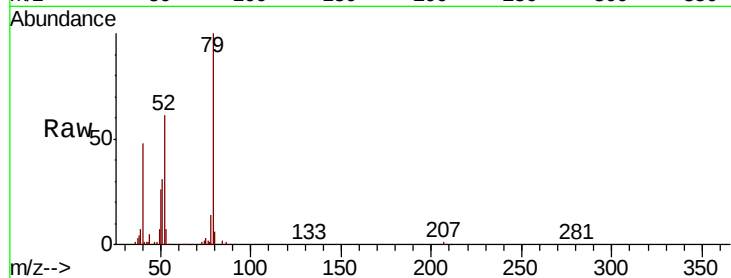
Tot Ion: 79 Resp: 285408

Ion Ratio Lower Upper

79 100

52 60.8 48.8 73.2

51 30.8 25.7 38.5



#4

n-Nitrosodimethylamine

Concen: 13.357 ng

RT: 3.63 min Scan# 110

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

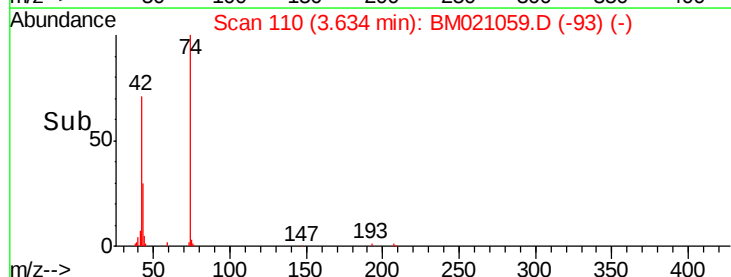
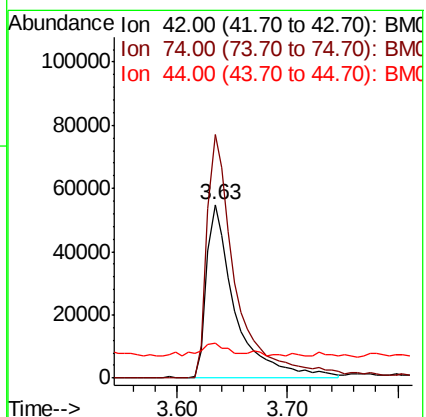
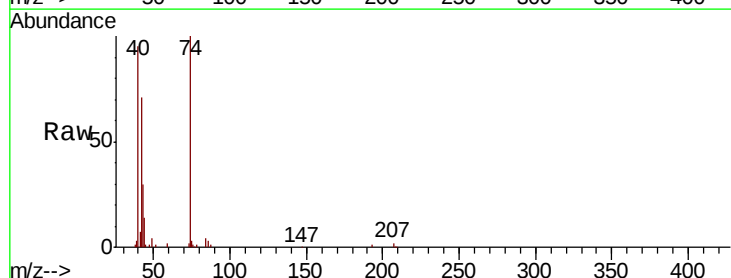
Tgt Ion: 42 Resp: 97662

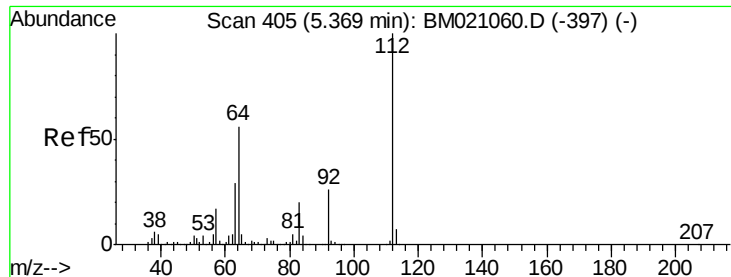
Ion Ratio Lower Upper

42 100

74 140.6 113.8 170.6

44 20.3 8.2 12.2#





#5

2-Fluorophenol

Concen: 38.376 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

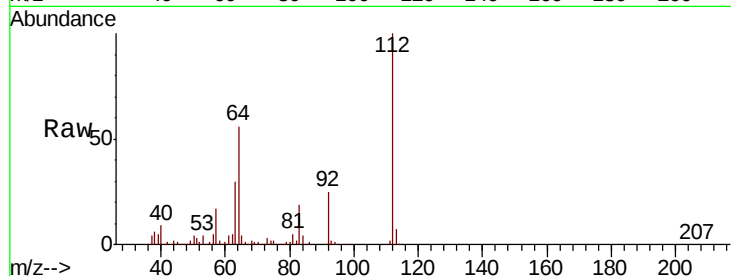
Tot Ion:112 Resp: 499680

Ion Ratio Lower Upper

112 100

64 55.5 45.2 67.8

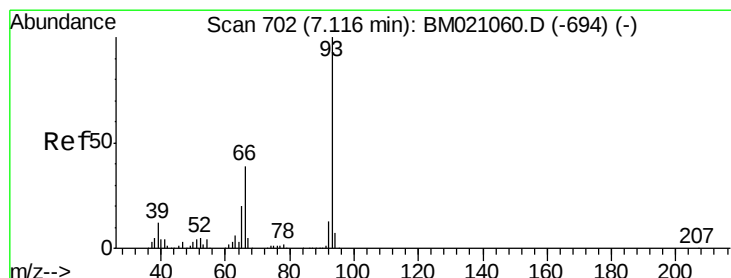
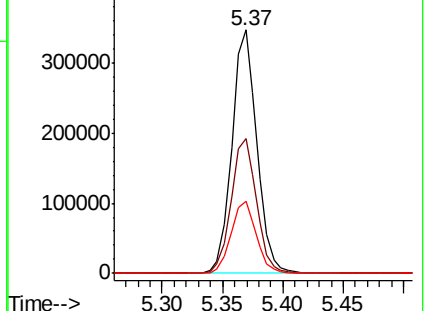
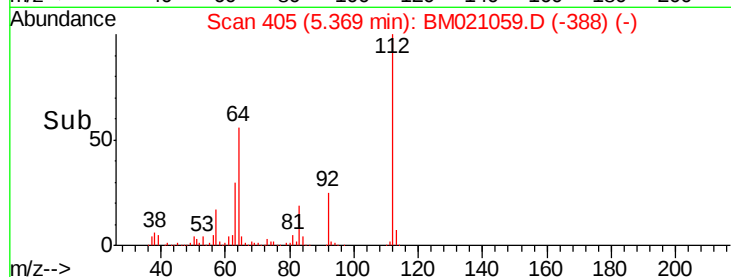
63 29.5 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 17.074 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

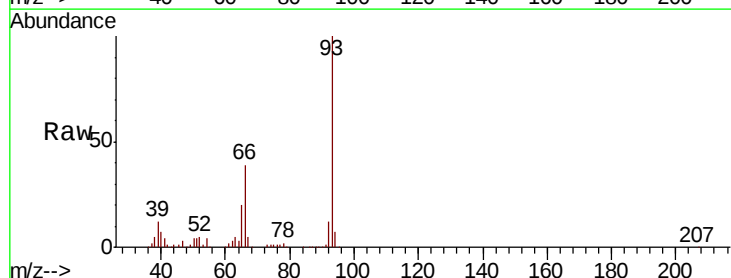
Tgt Ion: 93 Resp: 473644

Ion Ratio Lower Upper

93 100

66 39.2 31.3 46.9

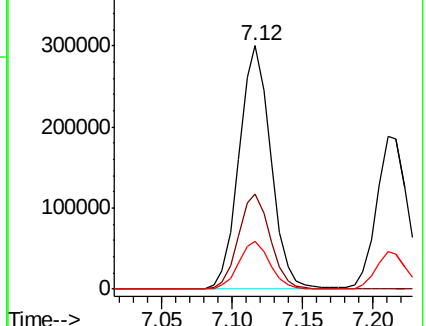
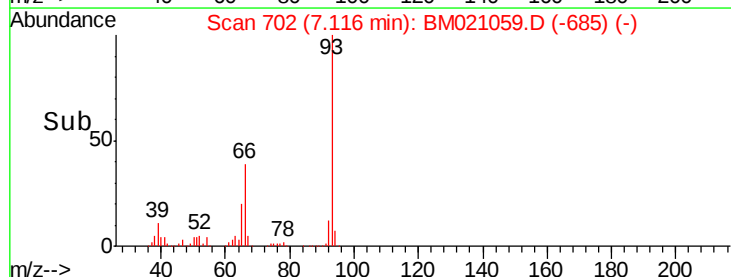
65 19.8 15.9 23.9

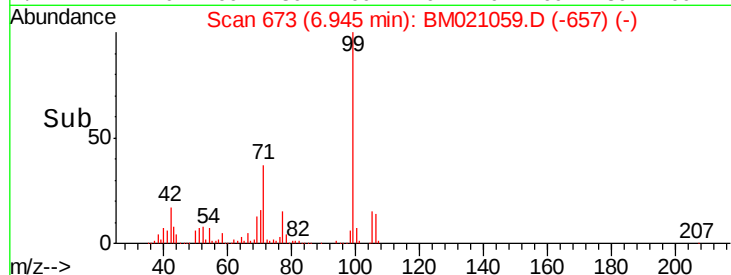
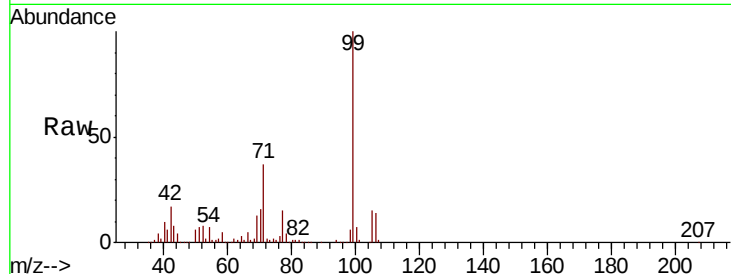
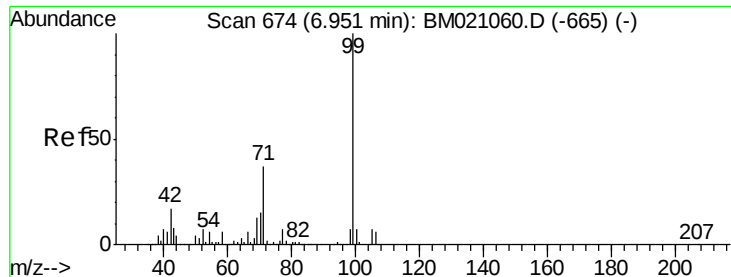


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 36.867 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

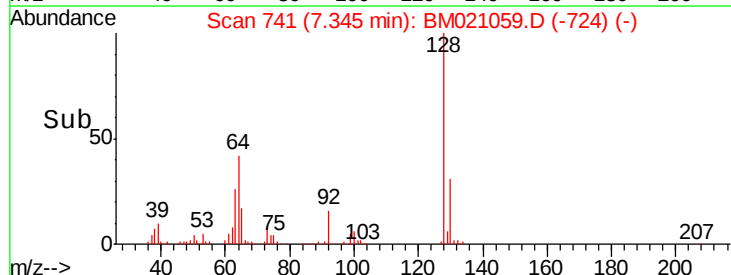
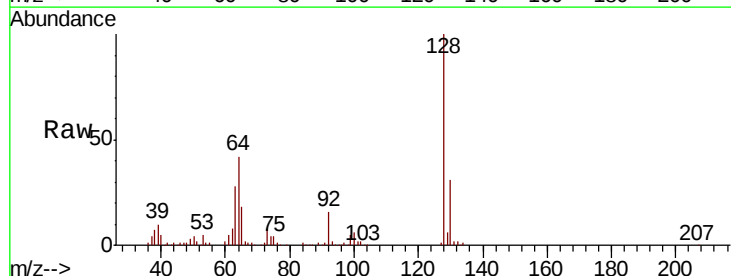
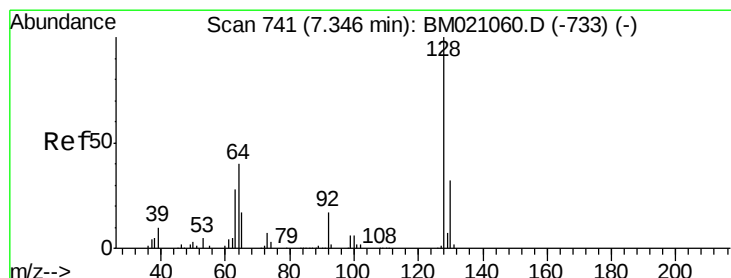
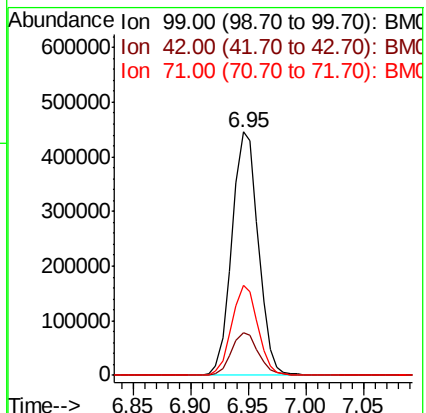
Tot Ion: 99 Resp: 706829

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 37.0 29.3 43.9



#8

2-Chlorophenol

Concen: 18.550 ng

RT: 7.35 min Scan# 741

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

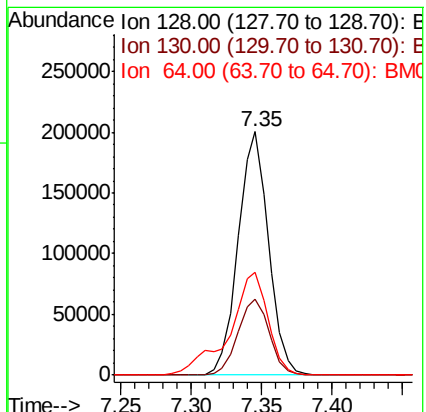
Tgt Ion: 128 Resp: 300481

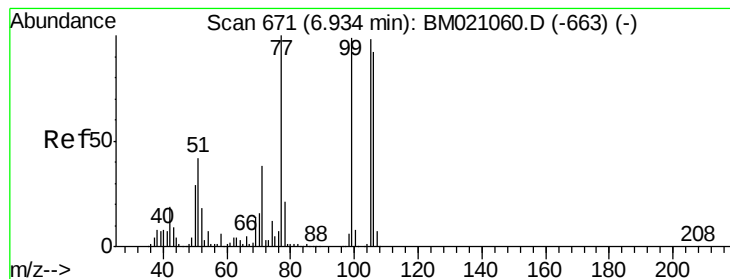
Ion Ratio Lower Upper

128 100

130 31.2 12.2 52.2

64 42.2 23.2 63.2





#9

Benzaldehyde

Concen: 21.189 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

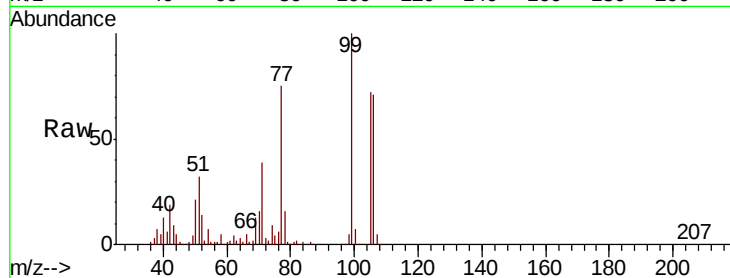
Tot Ion: 77 Resp: 229983

Ion Ratio Lower Upper

77 100

105 96.5 77.8 117.8

106 94.5 71.8 111.8



Abundance Ion 77.00 (76.70 to 77.70): BM021060.D (-663) (-)

Ion 105.00 (104.70 to 105.70): BM021060.D (-663) (-)

Ion 106.00 (105.70 to 106.70): BM021060.D (-663) (-)

6.93

150000

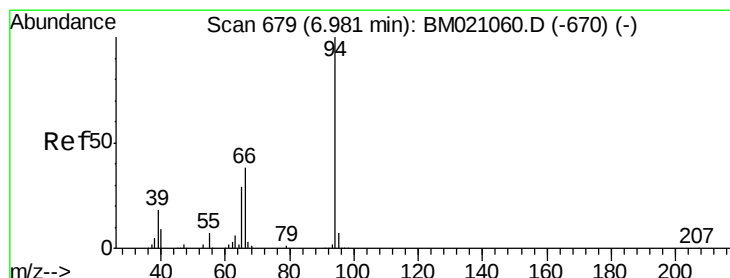
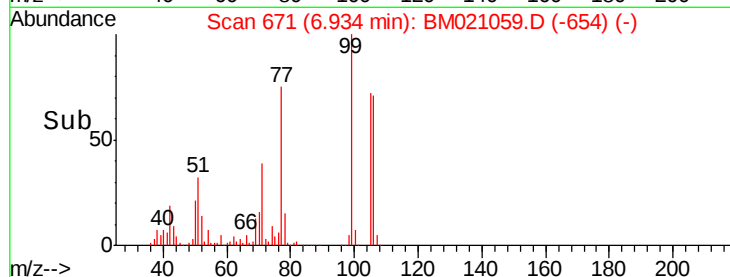
100000

50000

0

6.85 6.90 6.95 7.00 7.05

Time-->



#10

Phenol

Concen: 17.357 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

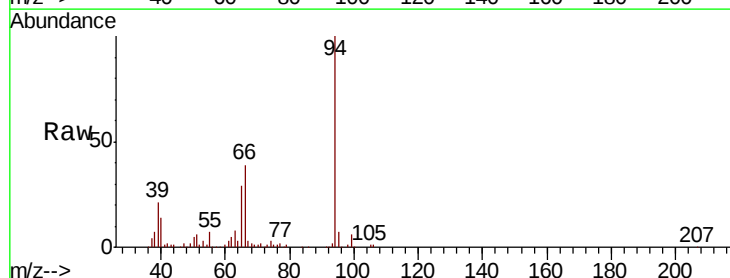
Tgt Ion: 94 Resp: 358622

Ion Ratio Lower Upper

94 100

65 29.3 8.7 48.7

66 38.7 19.0 59.0



Abundance Ion 94.00 (93.70 to 94.70): BM021060.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM021060.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM021060.D (-670) (-)

6.97

300000

250000

200000

150000

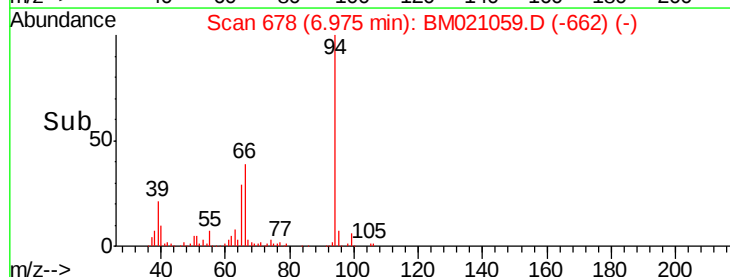
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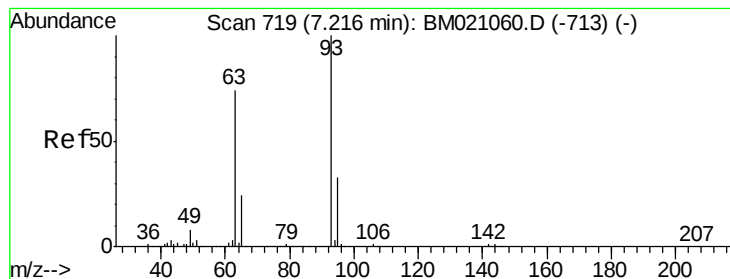
50000

0

6.90 6.95 7.00 7.05 7.10

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 17.410 ng

RT: 7.21 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampled :

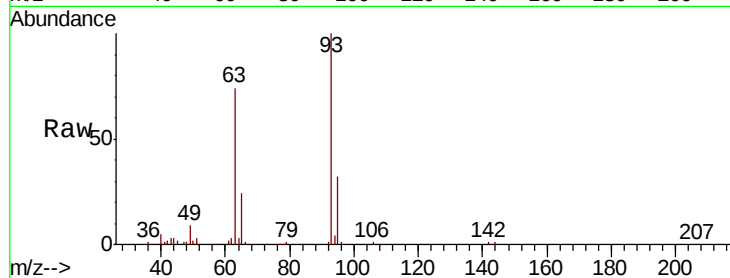
Tot Ion: 93 Resp: 286677

Ion Ratio Lower Upper

93 100

63 74.0 53.4 93.4

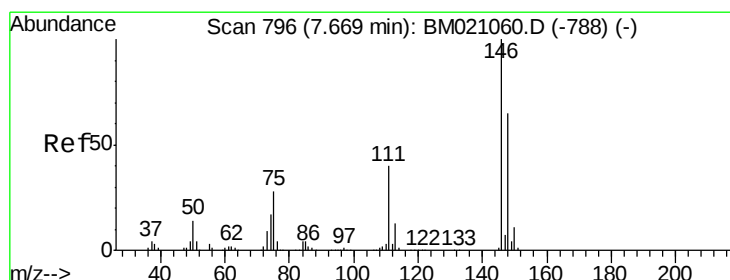
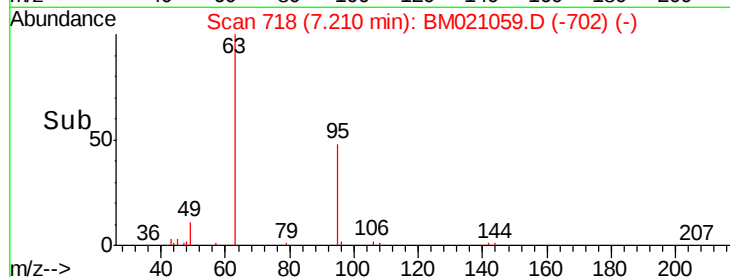
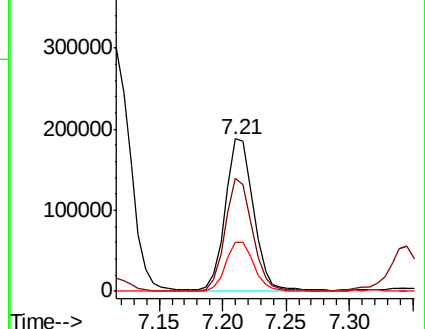
95 31.9 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BM021060.D (-713) (-)

Ion 63.00 (62.70 to 63.70): BM021060.D (-713) (-)

Ion 95.00 (94.70 to 95.70): BM021060.D (-713) (-)



#12

1,3-Dichlorobenzene

Concen: 19.975 ng

RT: 7.67 min Scan# 796

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

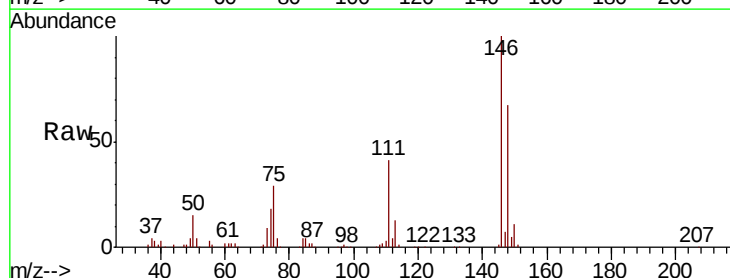
Tgt Ion: 146 Resp: 371855

Ion Ratio Lower Upper

146 100

148 66.6 52.2 78.2

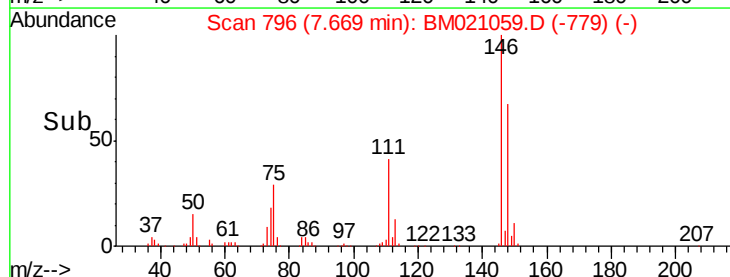
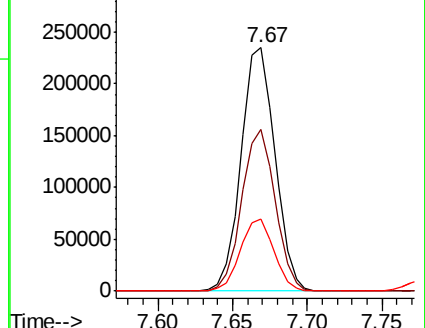
75 29.5 22.2 33.4

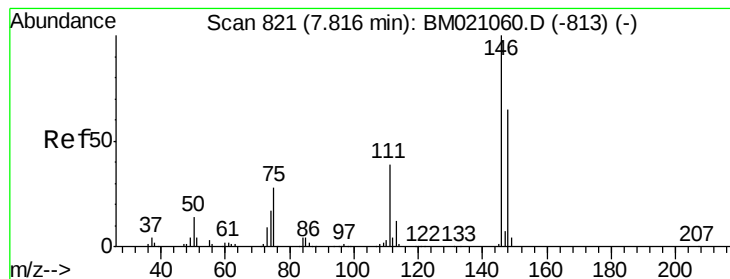


Abundance Ion 146.00 (145.70 to 146.70): BM021060.D (-788) (-)

Ion 148.00 (147.70 to 148.70): BM021060.D (-788) (-)

Ion 75.00 (74.70 to 75.70): BM021060.D (-788) (-)





#13

1,4-Dichlorobenzene

Concen: 19.922 ng

RT: 7.82 min Scan# 821

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

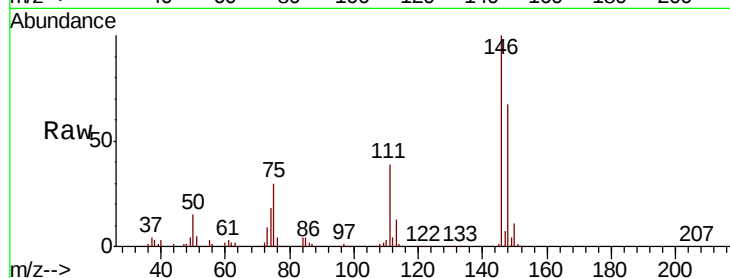
Tot Ion:146 Resp: 377037

Ion Ratio Lower Upper

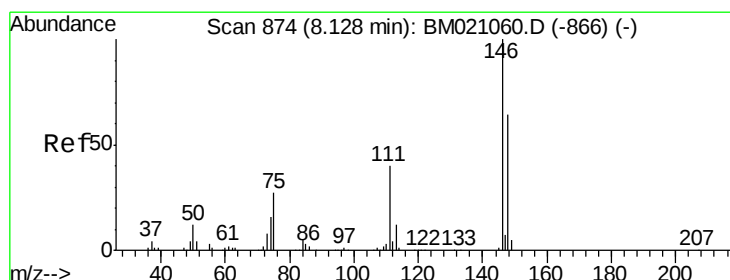
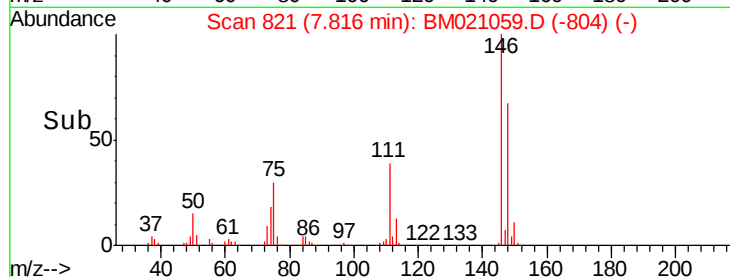
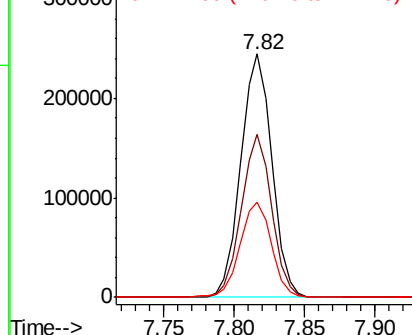
146 100

148 66.9 51.9 77.9

111 39.0 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: 19.869 ng

RT: 8.13 min Scan# 874

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

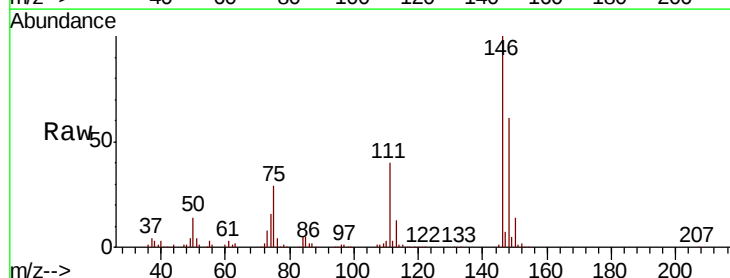
Tgt Ion:146 Resp: 365939

Ion Ratio Lower Upper

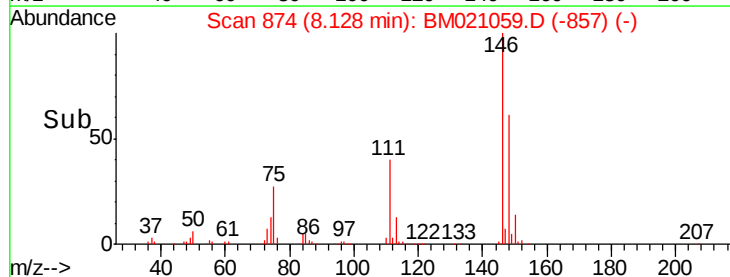
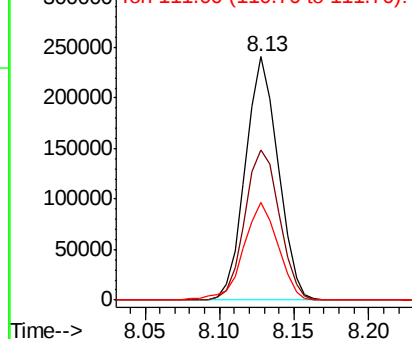
146 100

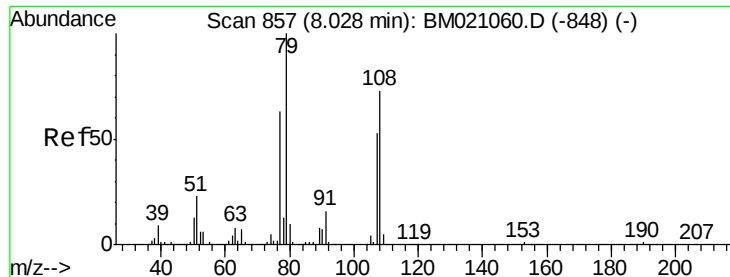
148 61.4 51.2 76.8

111 39.9 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: 16.521 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

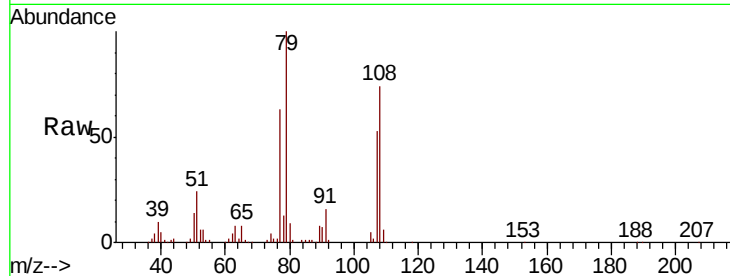
Tot Ion: 79 Resp: 280222

Ion Ratio Lower Upper

79 100

108 73.8 58.4 87.6

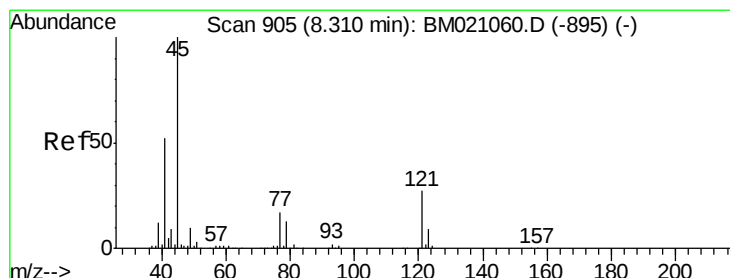
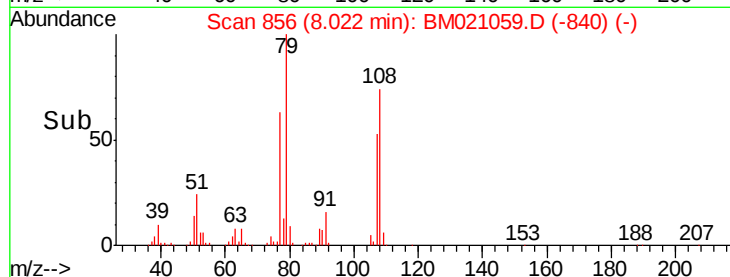
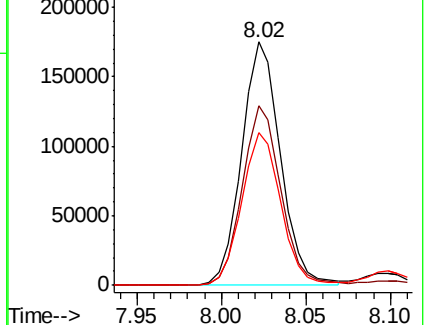
77 63.0 50.1 75.1



Abundance Ion 79.00 (78.70 to 79.70): BM021060.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM021060.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM021060.D (-848) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 14.884 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

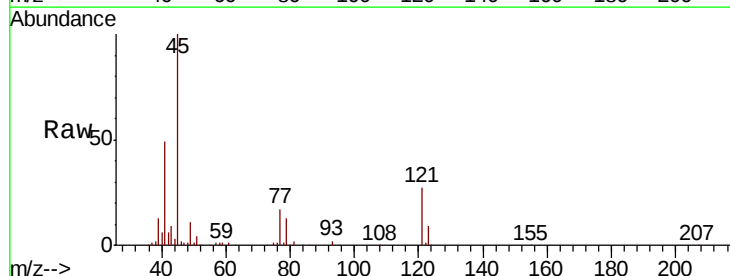
Tgt Ion: 45 Resp: 378381

Ion Ratio Lower Upper

45 100

77 16.8 0.0 37.5

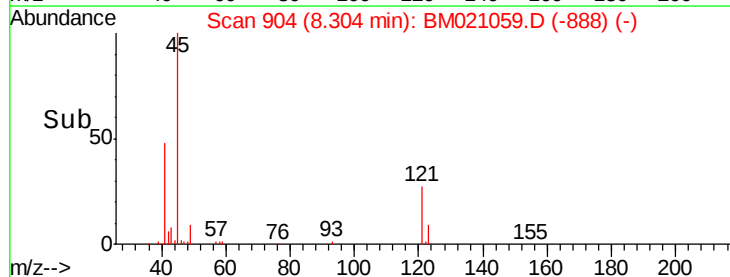
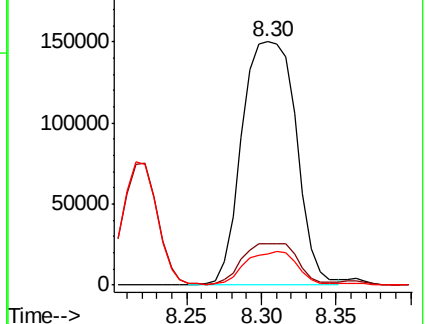
79 12.9 0.0 33.5

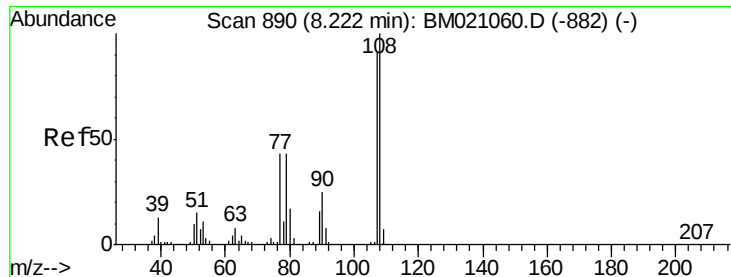


Abundance Ion 45.00 (44.70 to 45.70): BM021060.D (-895) (-)

Ion 77.00 (76.70 to 77.70): BM021060.D (-895) (-)

Ion 79.00 (78.70 to 79.70): BM021060.D (-895) (-)





#17

2-Methylphenol

Concen: 17.609 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 255837

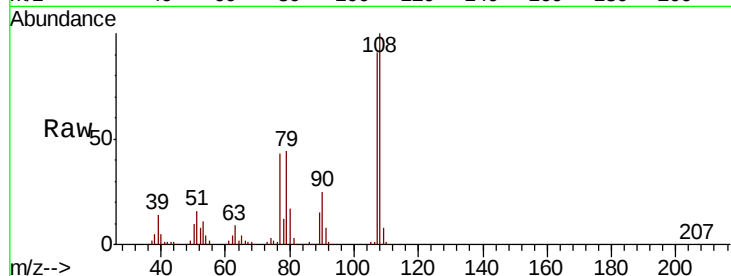
Ion Ratio Lower Upper

107 100

108 110.4 87.5 131.3

77 47.2 37.8 56.8

79 48.1 37.5 56.3

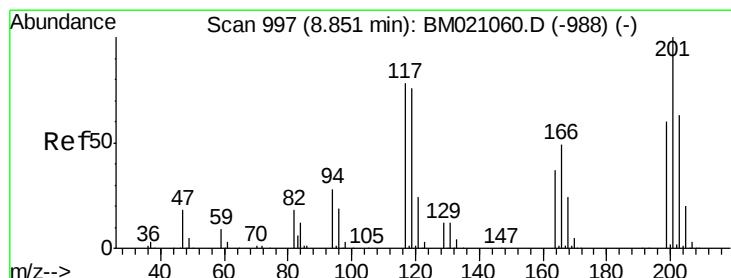
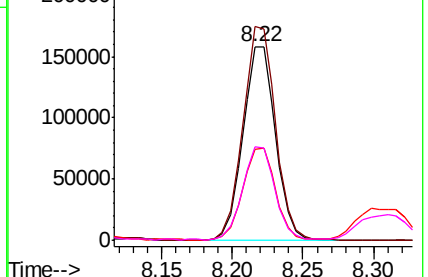
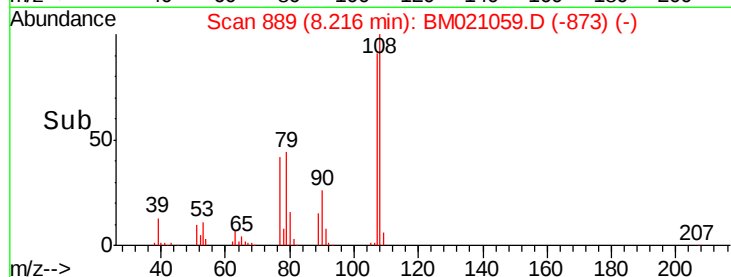


Abundance Ion 107.00 (106.70 to 107.70): E

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: 18.565 ng

RT: 8.85 min Scan# 996

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

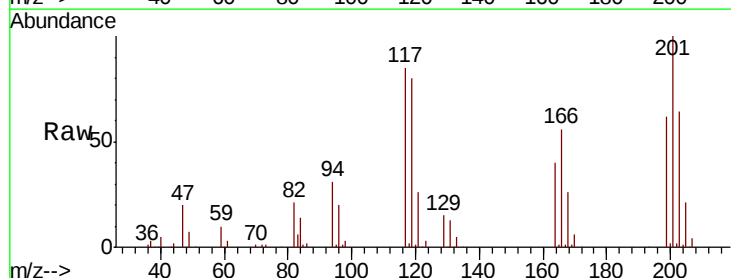
Tgt Ion:117 Resp: 134524

Ion Ratio Lower Upper

117 100

119 94.4 77.5 116.3

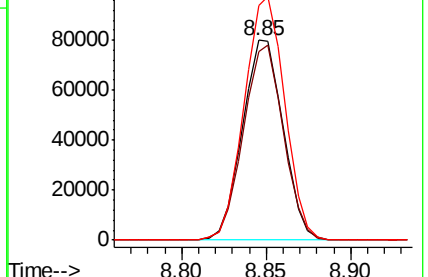
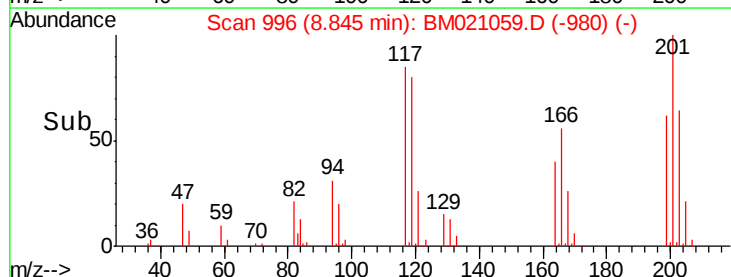
201 117.7 102.3 153.5

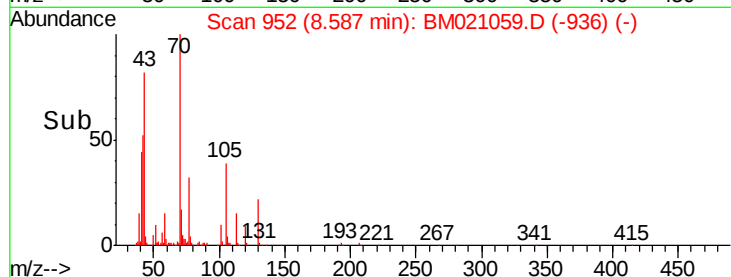
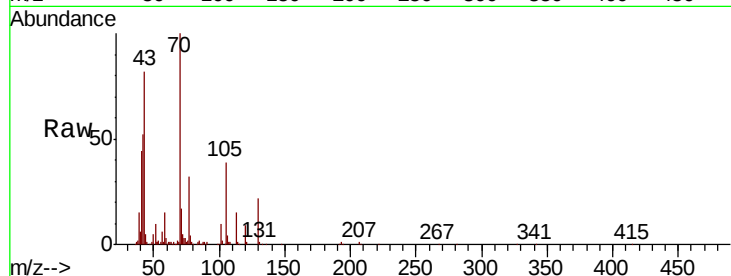
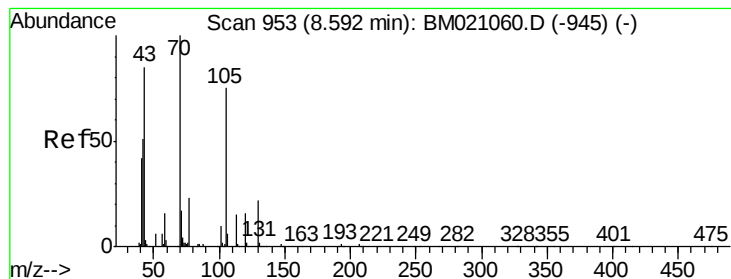


Abundance Ion 117.00 (116.70 to 117.70): E

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: 16.768 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 258426

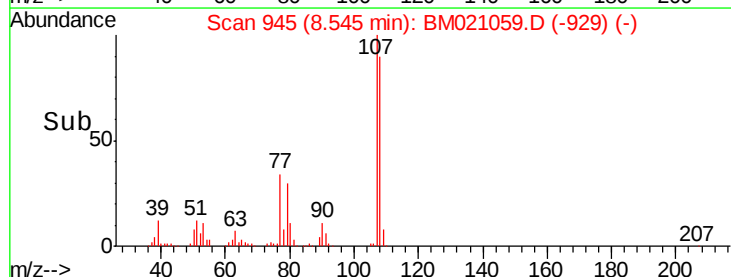
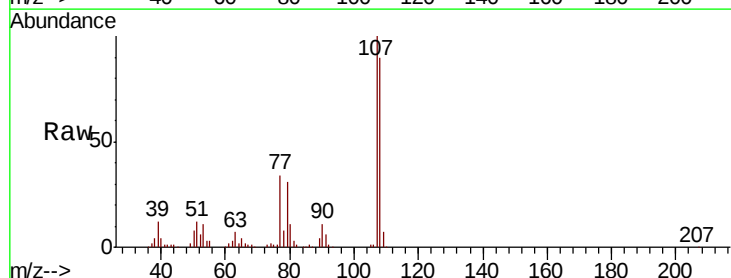
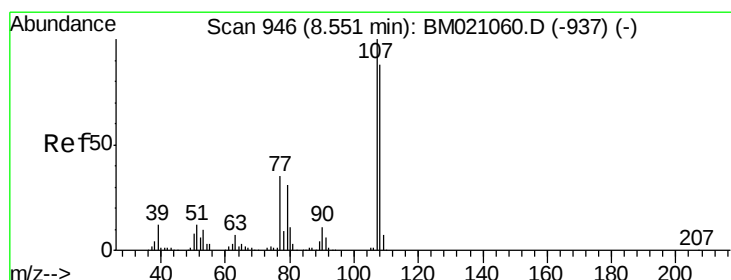
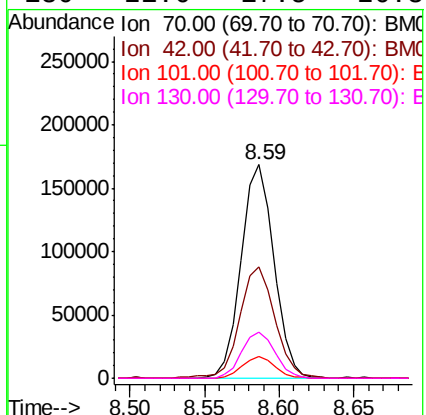
Ion Ratio Lower Upper

70 100

42 52.0 41.9 62.9

101 9.9 8.1 12.1

130 21.6 17.5 26.3



#20

3+4-Methylphenols

Concen: 17.664 ng

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:107 Resp: 349171

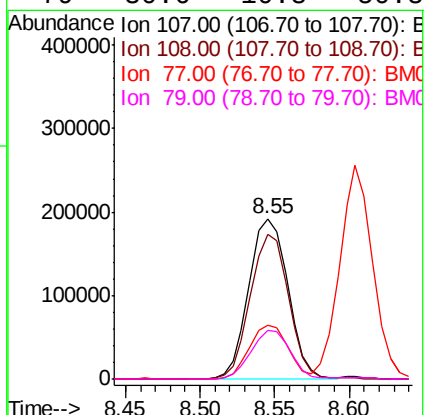
Ion Ratio Lower Upper

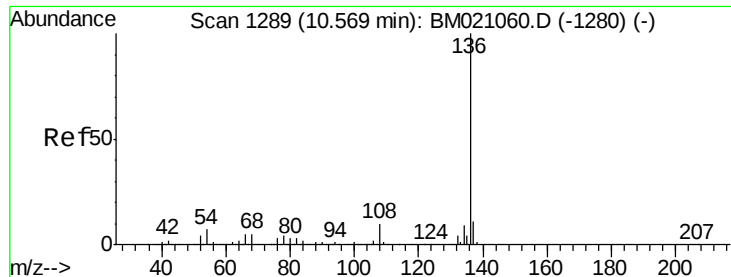
107 100

108 90.2 67.9 107.9

77 34.0 14.6 54.6

79 30.6 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: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 999552

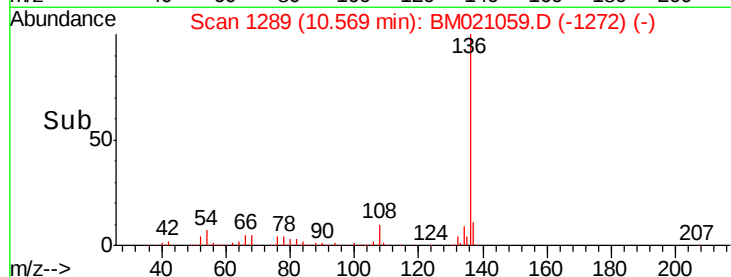
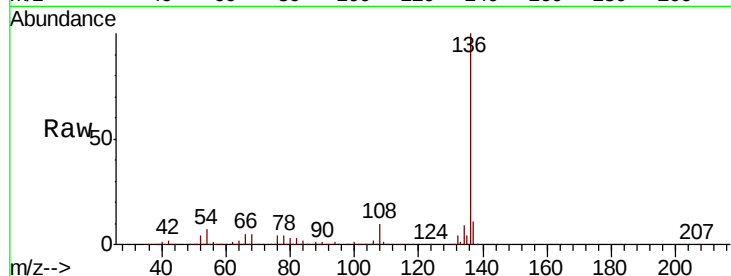
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.5 5.3 7.9

68 4.9 4.4 6.6

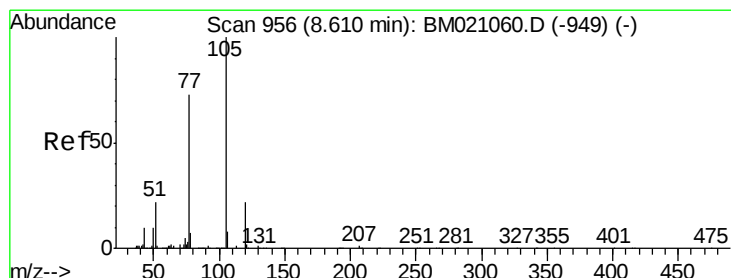
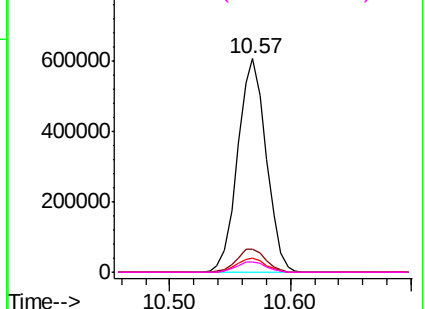


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22

Acetophenone

Concen: 19.643 ng

RT: 8.60 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:105 Resp: 498791

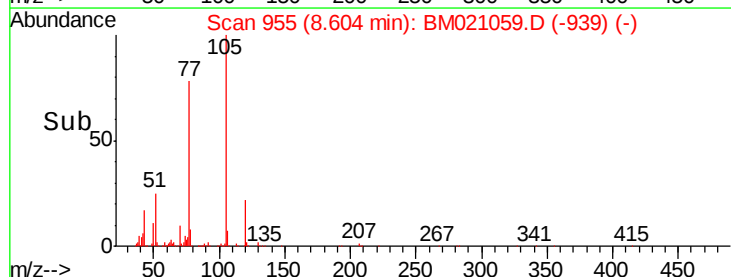
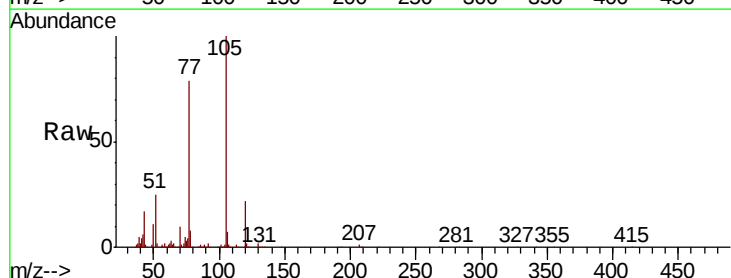
Ion Ratio Lower Upper

105 100

71 1.5 1.2 1.8

51 24.8 19.1 28.7

120 22.4 17.9 26.9

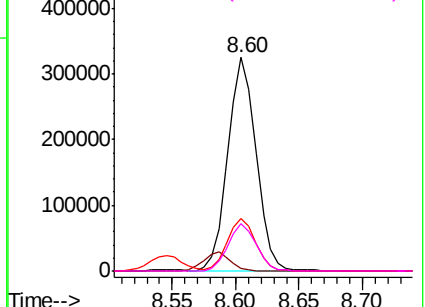


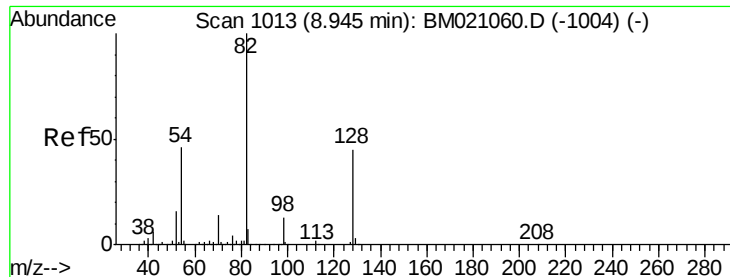
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

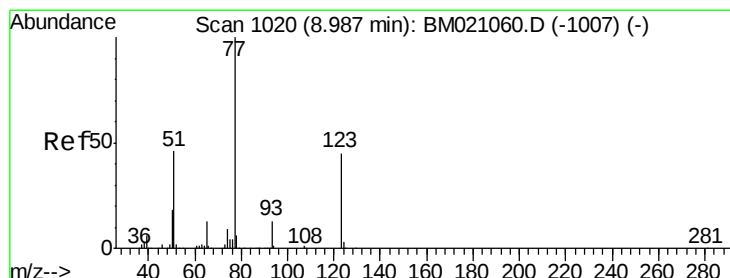
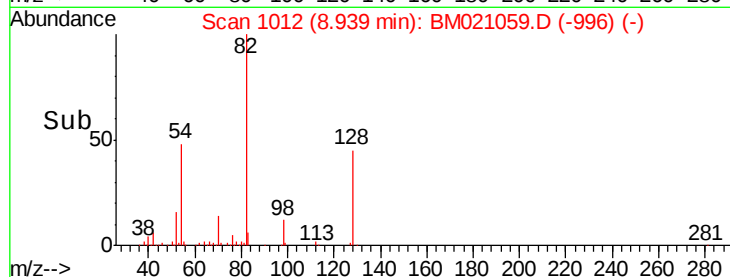
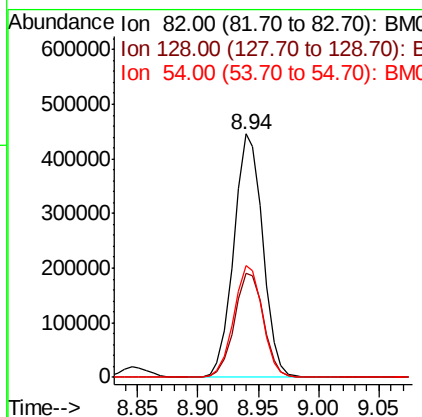
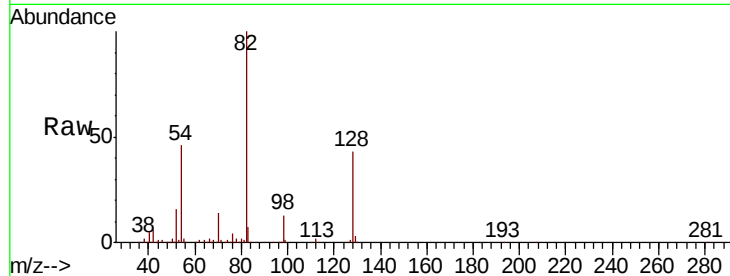




#23
 Nitrobenzene-d5
 Concen: 38.745 ng
 RT: 8.94 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

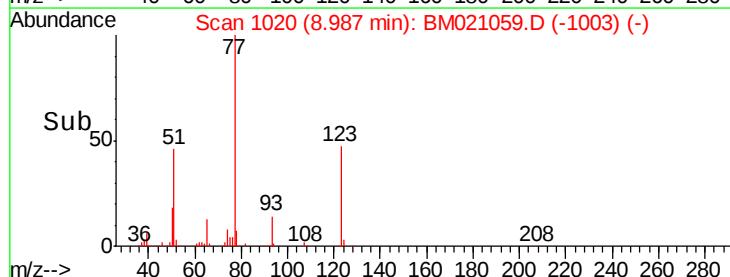
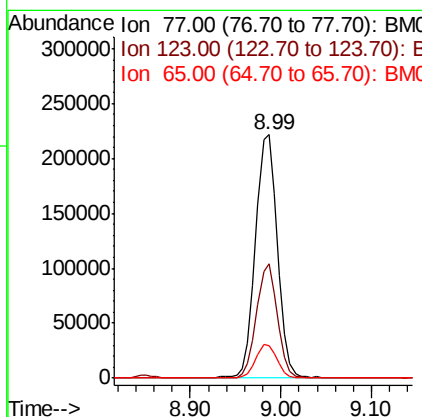
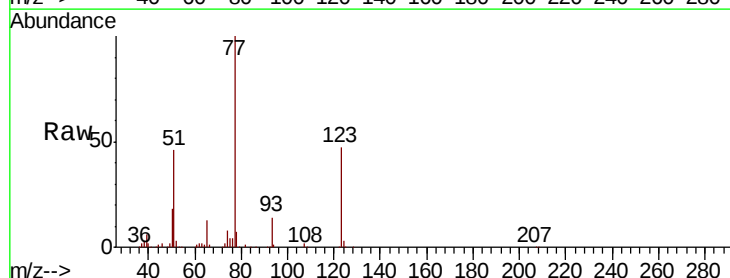
Instrument :
 BNA_M
 ClientSampleId :

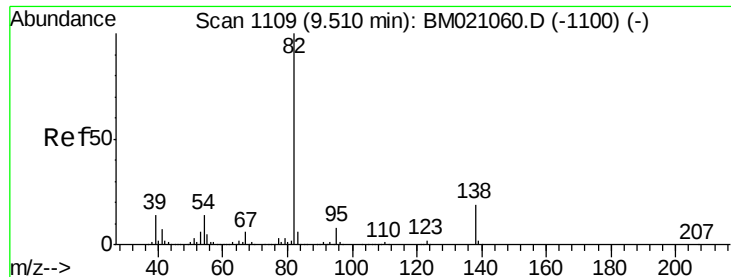
Tot Ion	82	Resp	747475
Ion Ratio	Lower	Upper	
82	100		
128	42.9	35.9	53.9
54	45.8	36.6	55.0



#24
 Nitrobenzene
 Concen: 18.963 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion	77	Resp	373467
Ion Ratio	Lower	Upper	
77	100		
123	46.9	36.3	54.5
65	13.3	10.6	16.0





#25

Isophorone

Concen: 18.189 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

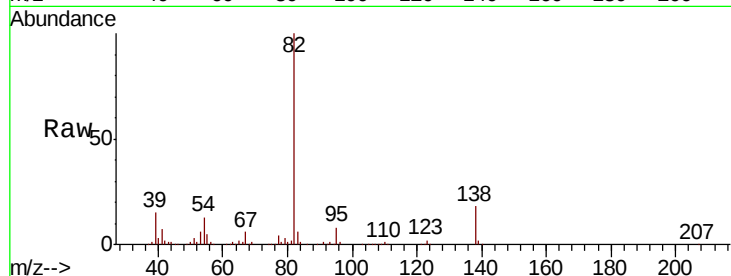
Tot Ion: 82 Resp: 698014

Ion Ratio Lower Upper

82 100

95 8.0 6.1 9.1

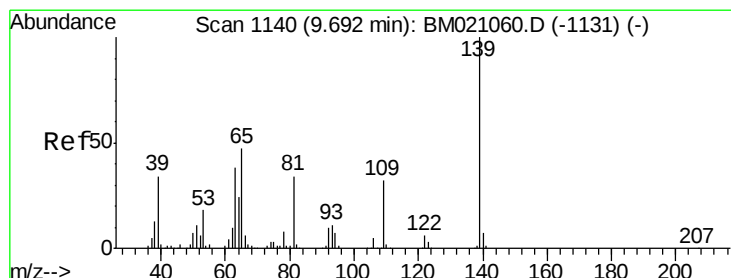
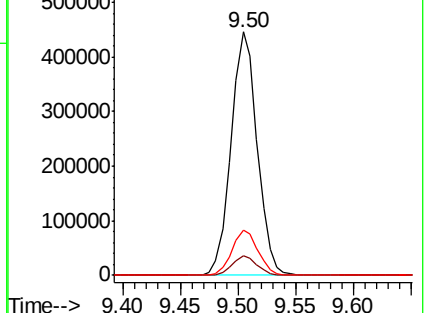
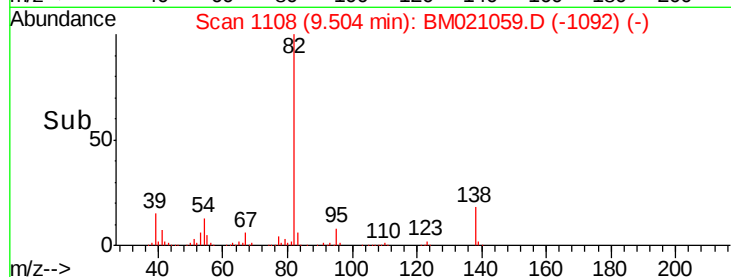
138 18.4 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BM021060.D (-1100) (-)

Ion 95.00 (94.70 to 95.70): BM021059.D (-1092) (-)

Ion 138.00 (137.70 to 138.70): BM021059.D (-1123) (-)



#26

2-Nitrophenol

Concen: 23.259 ng

RT: 9.69 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

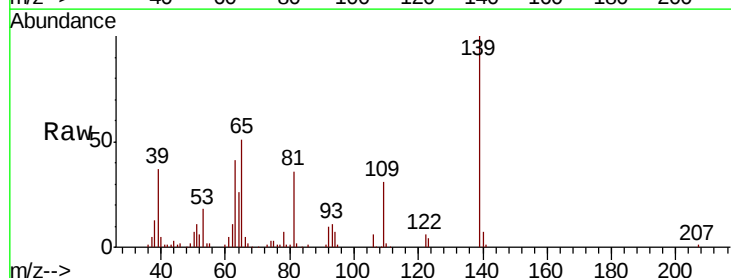
Tgt Ion: 139 Resp: 170721

Ion Ratio Lower Upper

139 100

109 31.3 25.2 37.8

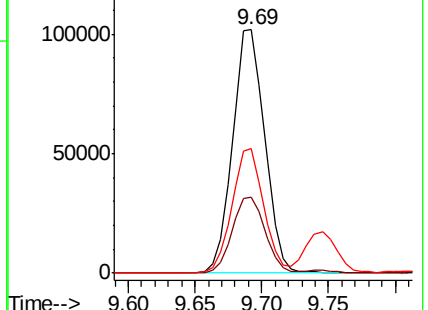
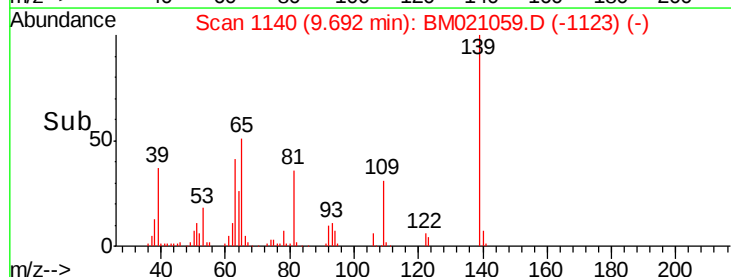
65 51.0 37.4 56.0

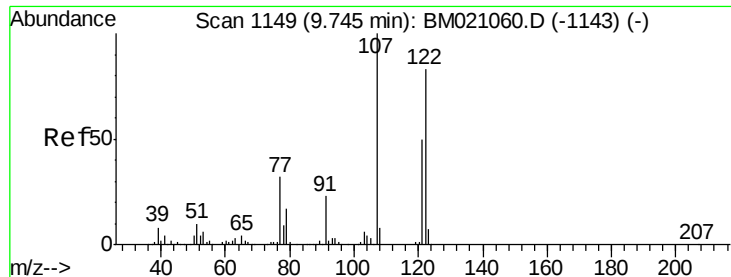


Abundance Ion 139.00 (138.70 to 139.70): BM021060.D (-1131) (-)

Ion 109.00 (108.70 to 109.70): BM021059.D (-1123) (-)

Ion 65.00 (64.70 to 65.70): BM021059.D (-1123) (-)

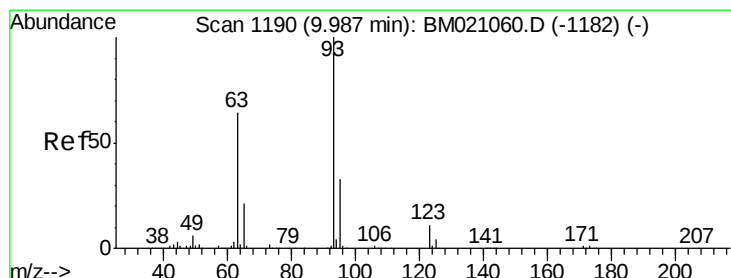
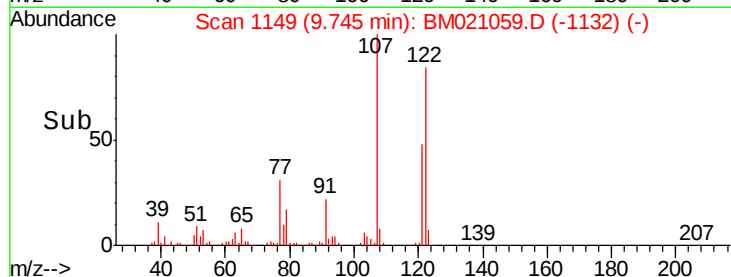
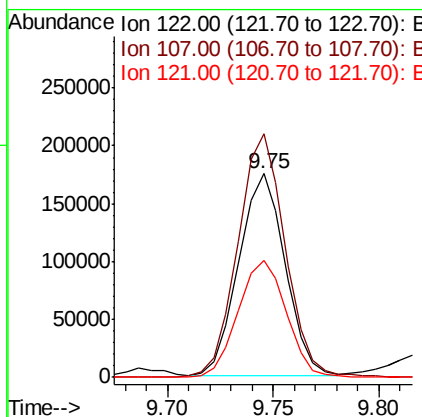
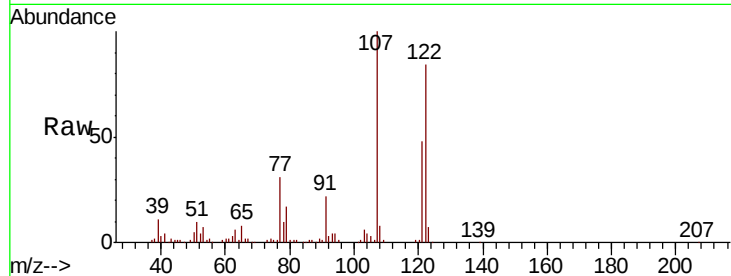




#27
2,4-Dimethylphenol
Concen: 19.401 ng
RT: 9.75 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

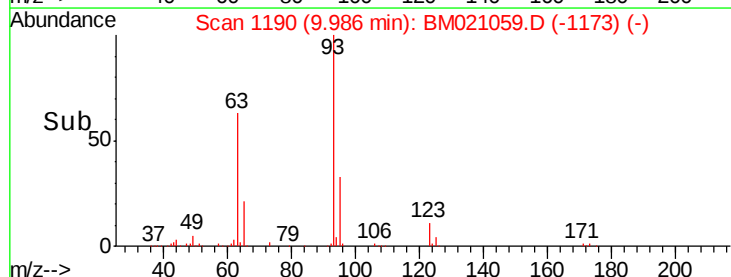
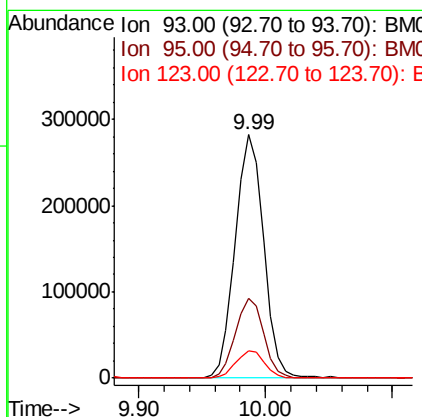
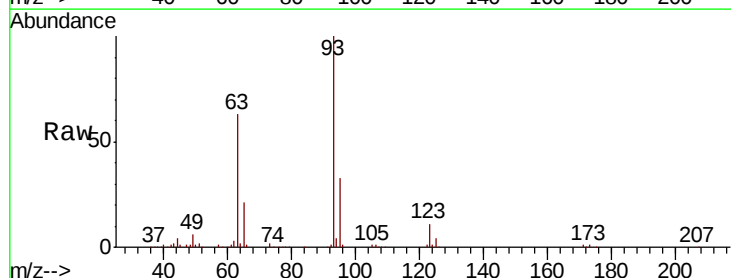
Instrument :
BNA_M
ClientSampled :

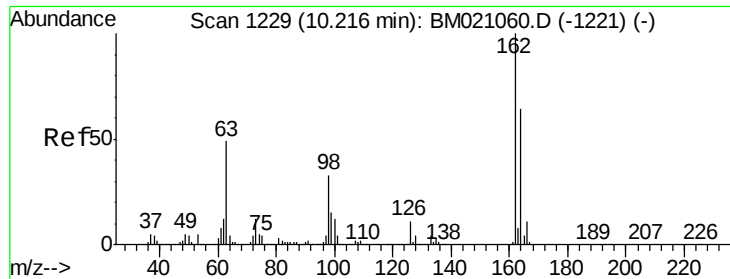
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.6	95.3	142.9
121	57.5	47.5	71.3



#28
bis(2-Chloroethoxy)methane
Concen: 18.985 ng
RT: 9.99 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.1	9.0	13.4

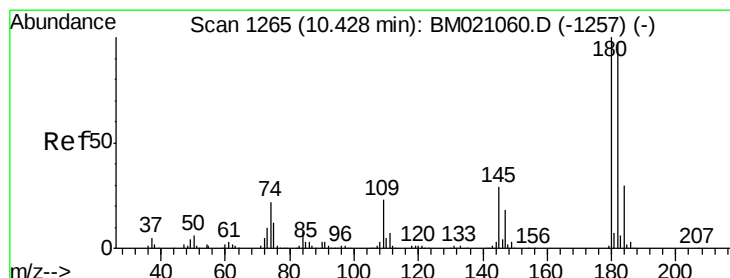
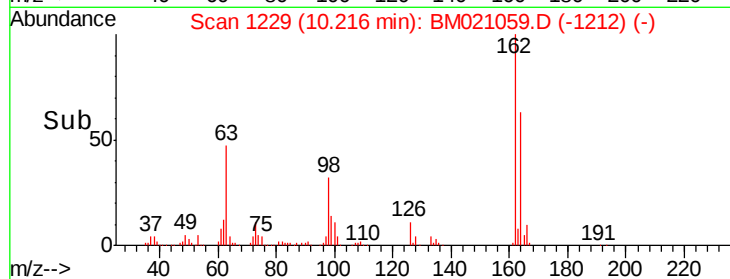
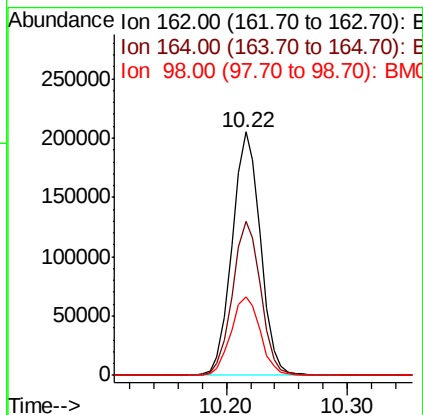
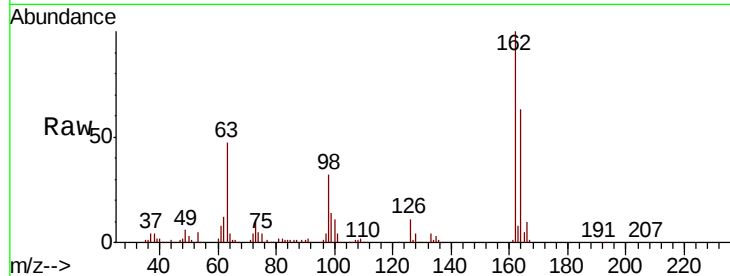




#29
 2,4-Dichlorophenol
 Concen: 22.010 ng
 RT: 10.22 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

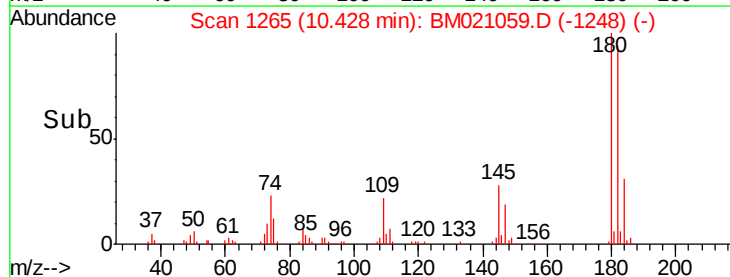
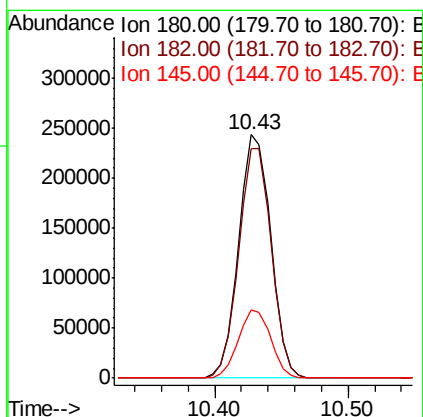
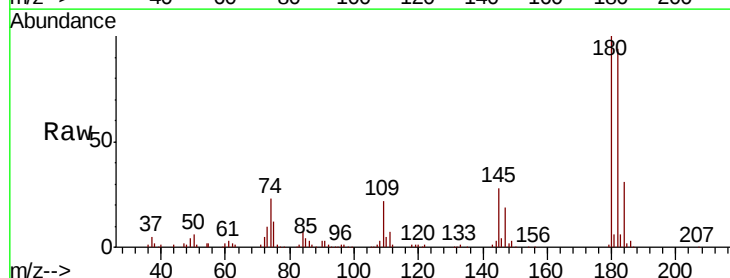
Instrument :
 BNA_M
 ClientSampleId :

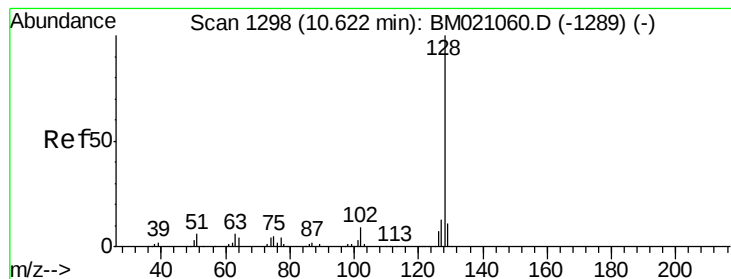
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.7	83.7
98	32.3	13.4	53.4



#30
 1,2,4-Trichlorobenzene
 Concen: 23.229 ng
 RT: 10.43 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.0	117.0
145	28.2	23.4	35.0





#31

Naphthalene

Concen: 20.229 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

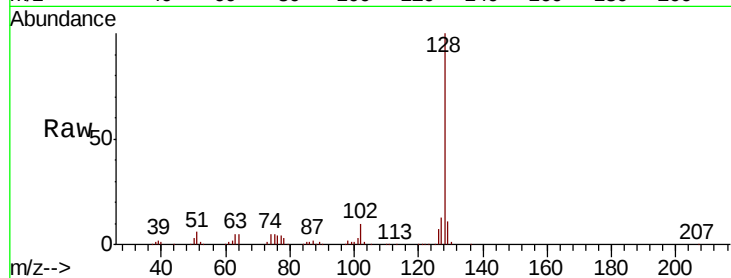
Tot Ion:128 Resp: 1039771

Ion Ratio Lower Upper

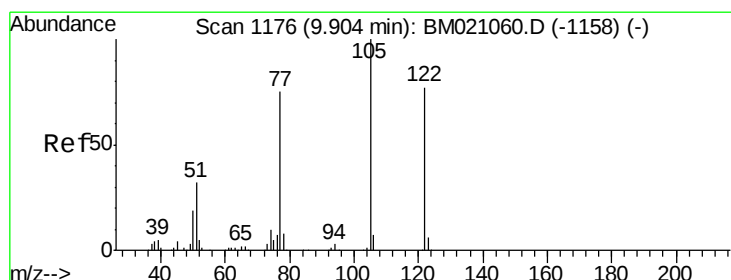
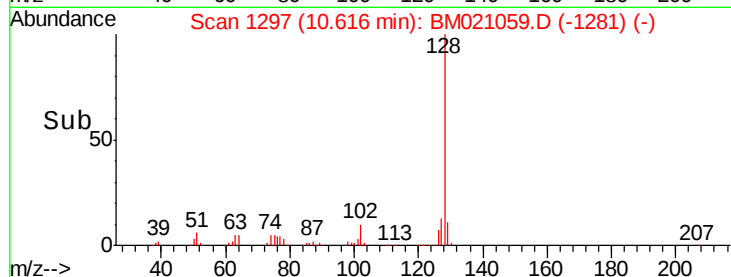
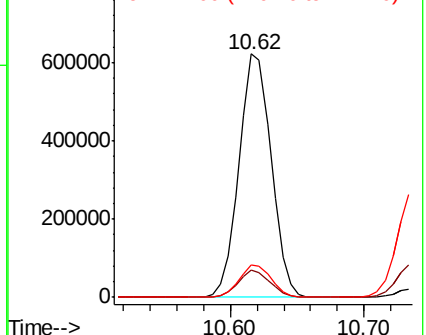
128 100

129 11.2 8.6 13.0

127 13.2 10.8 16.2



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



#32

Benzoic acid

Concen: 23.076 ng

RT: 9.86 min Scan# 1169

Delta R.T. -0.04 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

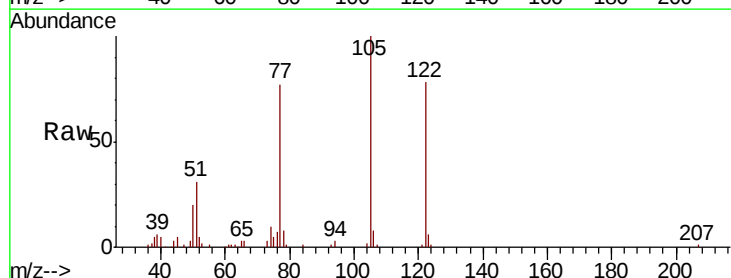
Tgt Ion:122 Resp: 177704

Ion Ratio Lower Upper

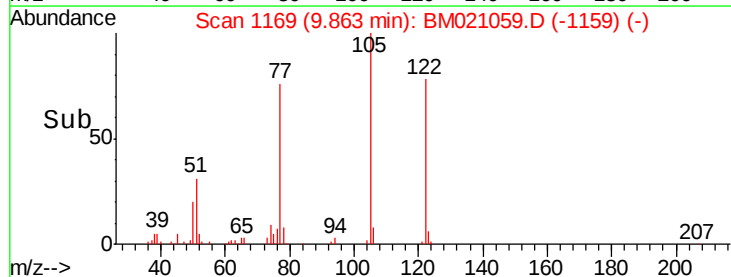
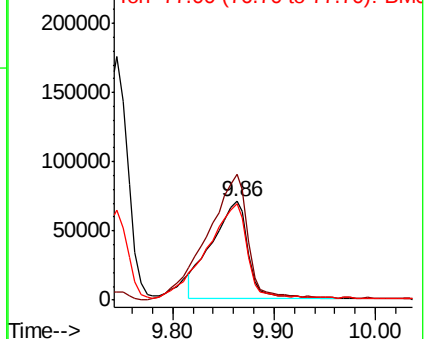
122 100

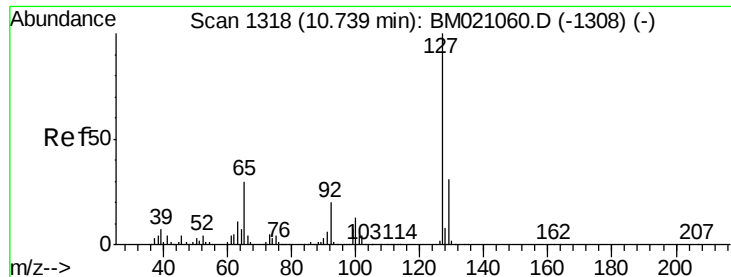
105 128.2 108.9 148.9

77 98.6 76.7 116.7



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

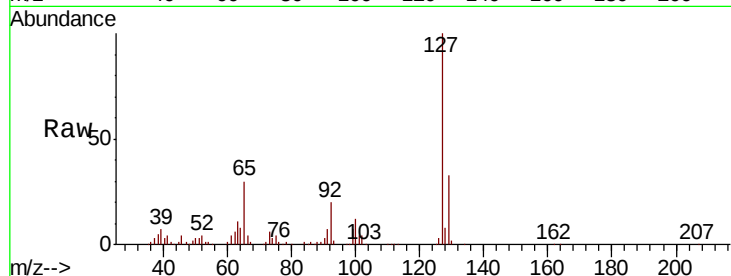




#33
4-Chloroaniline
Concen: 19.468 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	465703
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.1	37.7
65	29.7	23.8	35.8
92	19.6	15.7	23.5



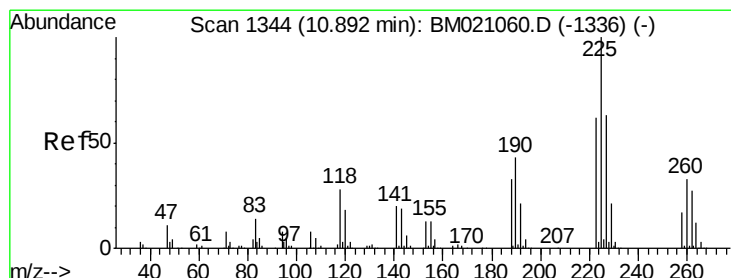
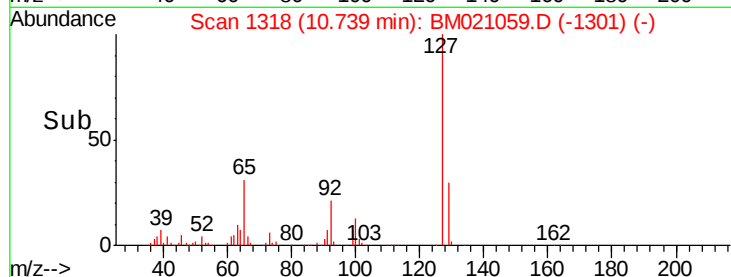
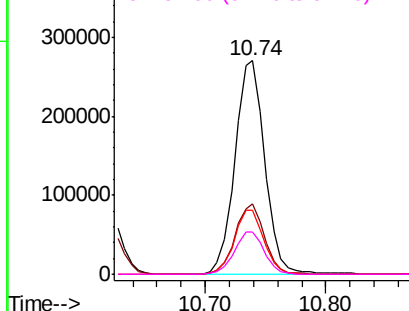
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

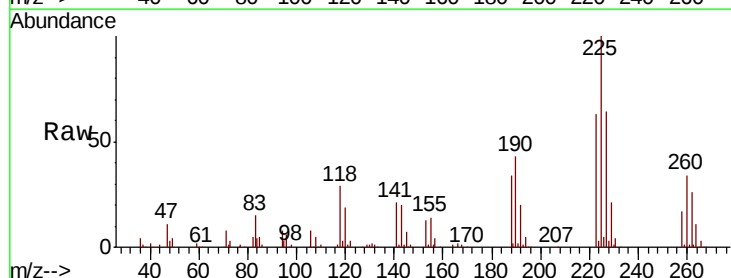
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 24.065 ng
RT: 10.89 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion:	225	Resp:	252657
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.6	74.4
227	64.2	50.4	75.6

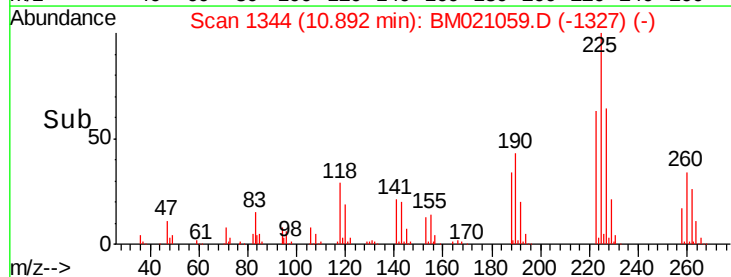
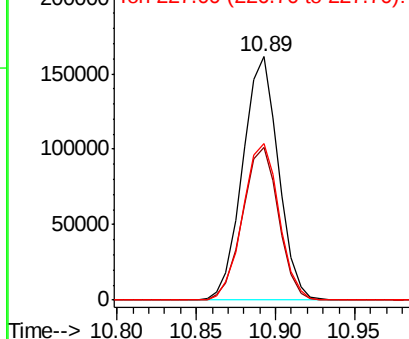


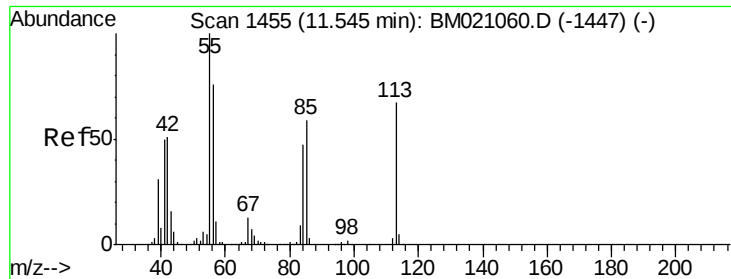
Abundance

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

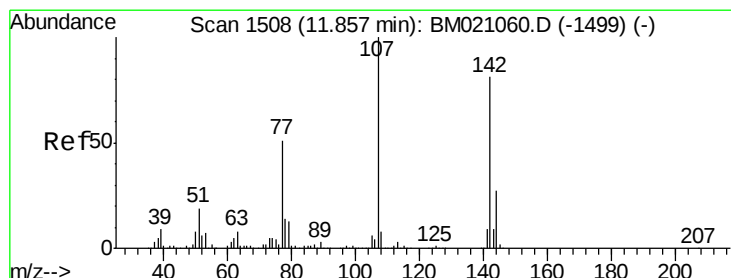
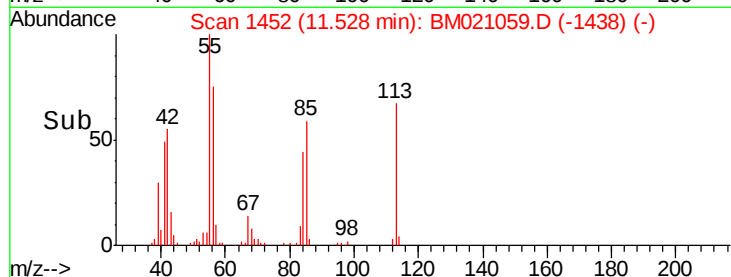
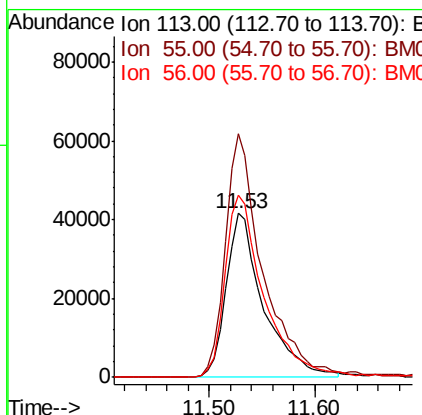
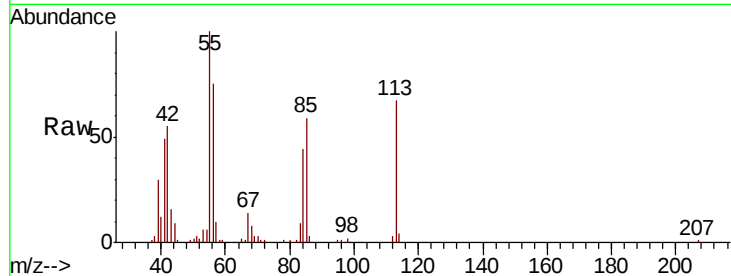




#35
 Caprolactam
 Concen: 19.290 ng
 RT: 11.53 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

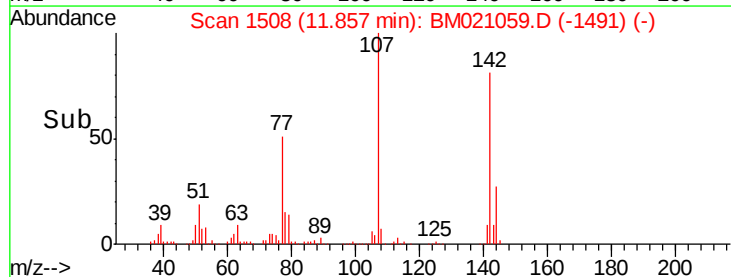
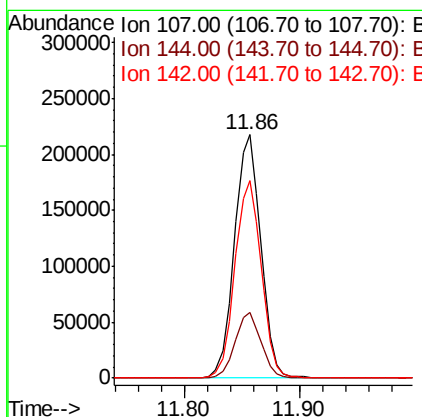
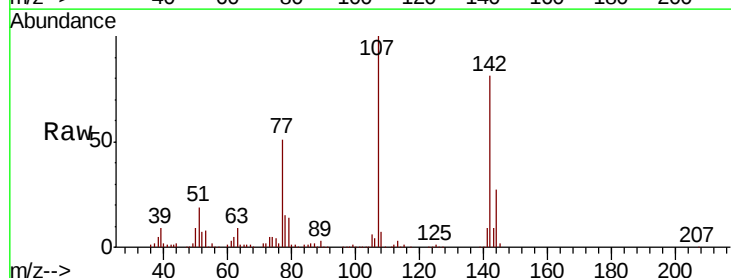
Instrument :
 BNA_M
 ClientSampleId :

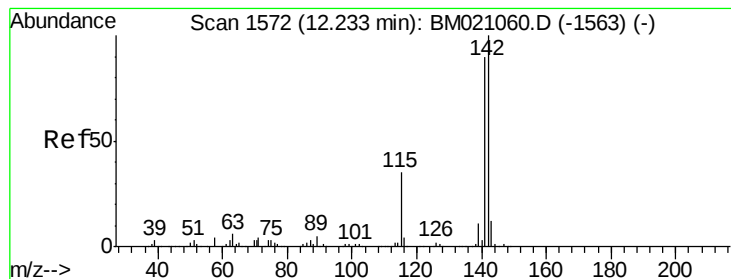
Tot Ion:113 Resp: 101978
 Ion Ratio Lower Upper
 113 100
 55 148.6 129.8 169.8
 56 111.3 94.3 134.3



#36
 4-Chloro-3-methylphenol
 Concen: 19.480 ng
 RT: 11.86 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion:107 Resp: 344644
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.3 31.9
 142 81.1 64.9 97.3





#37

2-Methylnaphthalene

Concen: 20.936 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

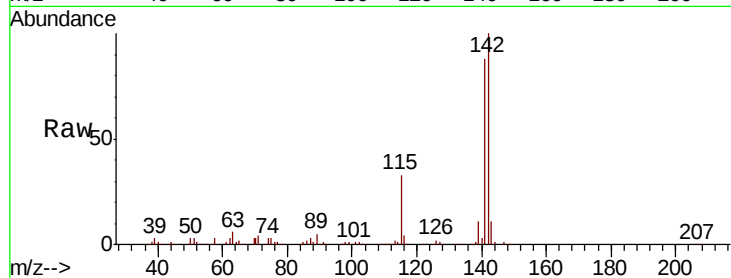
Tot Ion:142 Resp: 797632

Ion Ratio Lower Upper

142 100

141 88.0 72.2 108.2

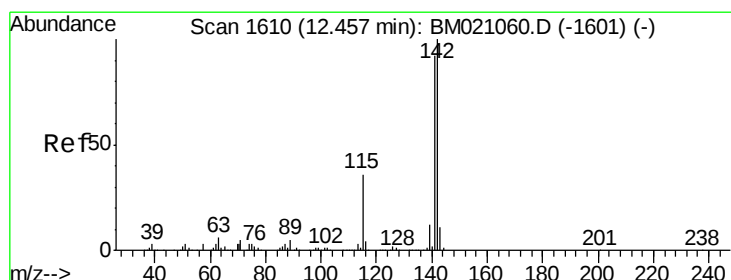
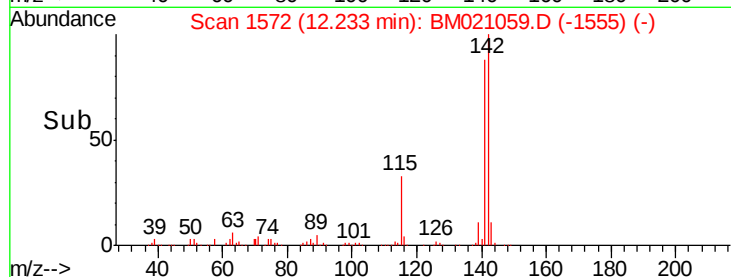
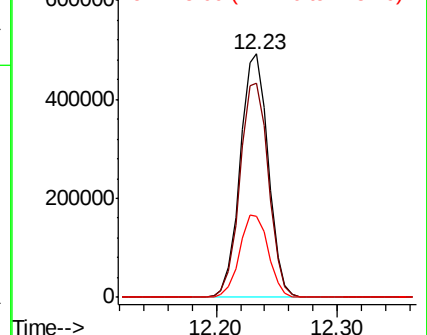
115 33.1 27.9 41.9



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: 20.997 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

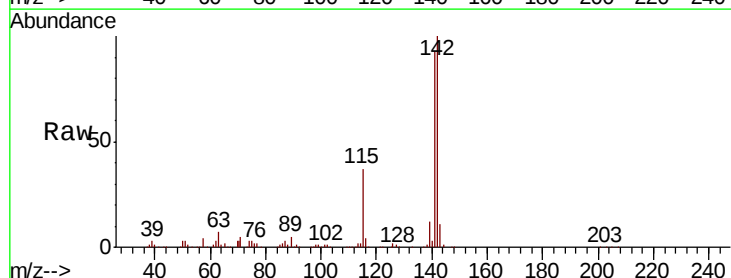
Tgt Ion:142 Resp: 761712

Ion Ratio Lower Upper

142 100

141 93.3 73.9 110.9

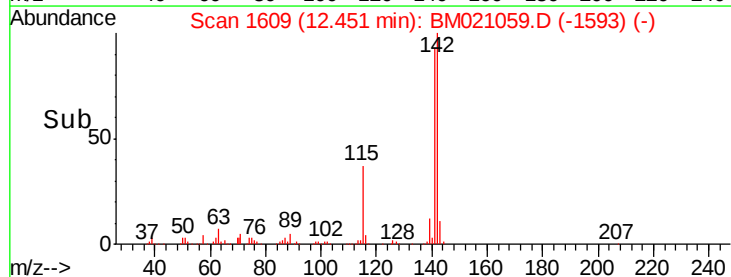
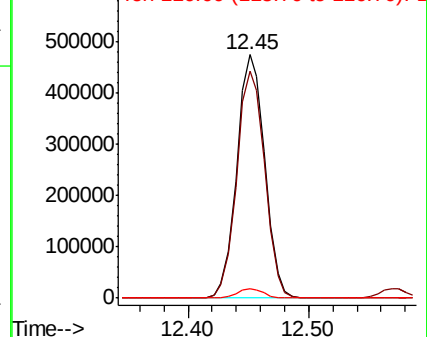
116 3.9 3.0 4.6

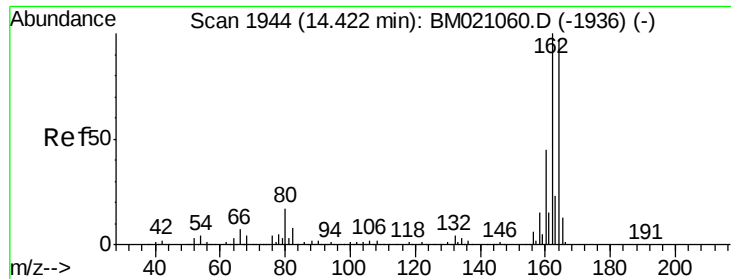


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.42 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

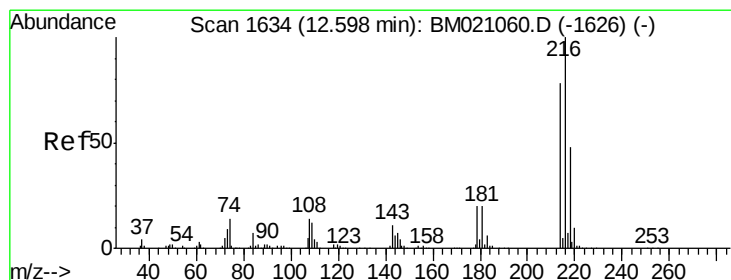
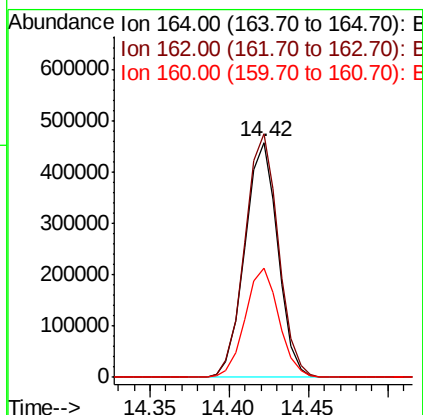
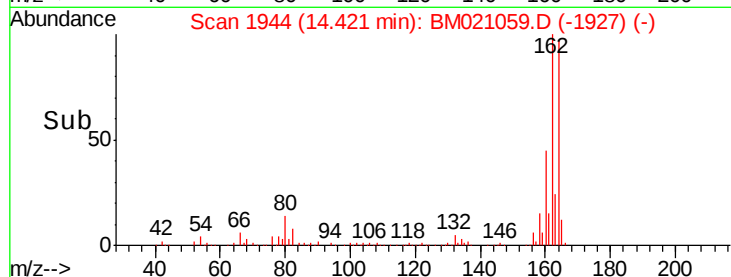
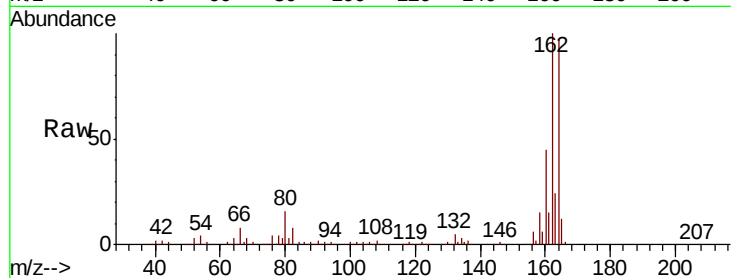
Tot Ion:164 Resp: 660351

Ion Ratio Lower Upper

164 100

162 103.6 82.1 123.1

160 46.5 37.1 55.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.054 ng

RT: 12.60 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:216 Resp: 477254

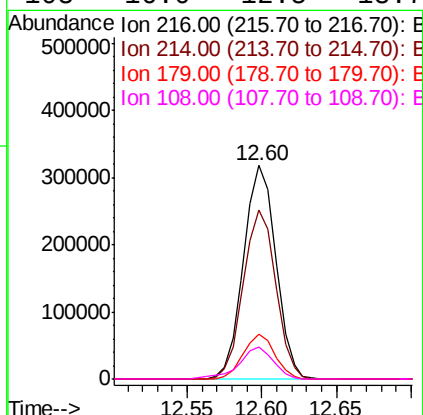
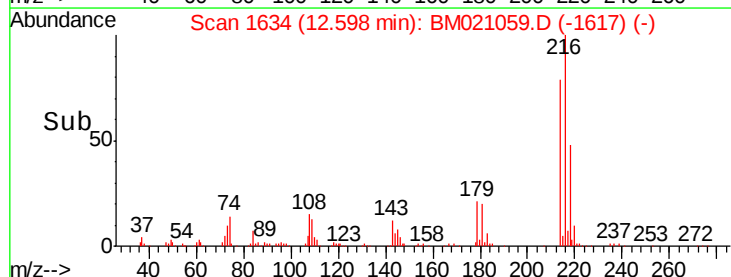
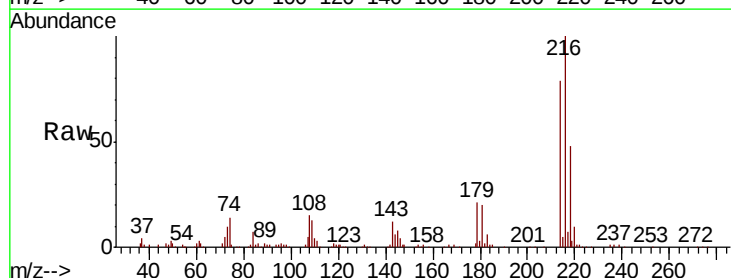
Ion Ratio Lower Upper

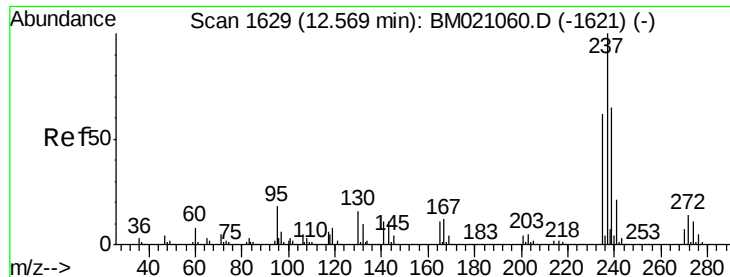
216 100

214 79.2 63.0 94.6

179 20.5 16.4 24.6

108 16.0 12.5 18.7





#41

Hexachlorocyclopentadiene

Concen: 20.694 ng

RT: 12.57 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

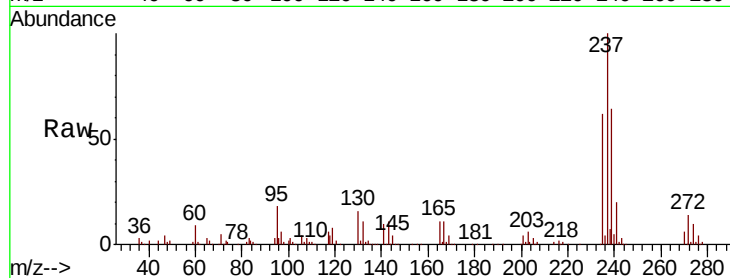
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 267838

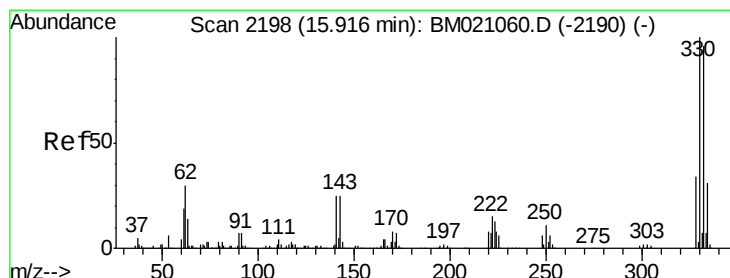
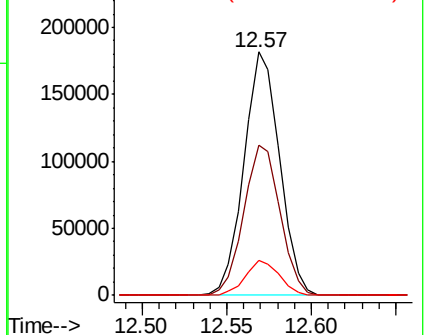
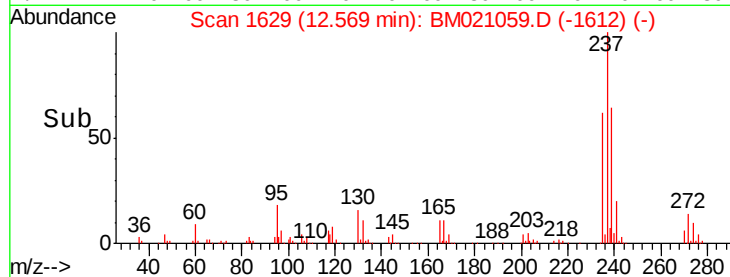
Ion	Ratio	Lower	Upper
237	100		
235	61.9	41.7	81.7
272	14.2	0.0	34.1



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: 57.129 ng

RT: 15.91 min Scan# 2197

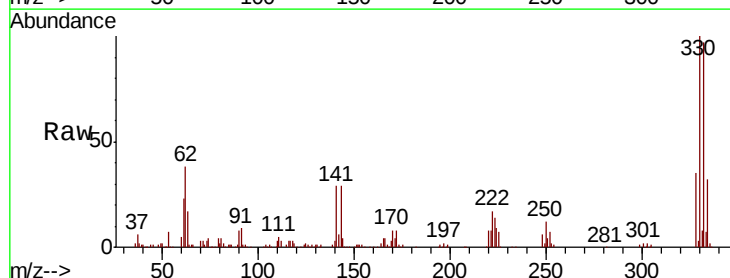
Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:330 Resp: 467415

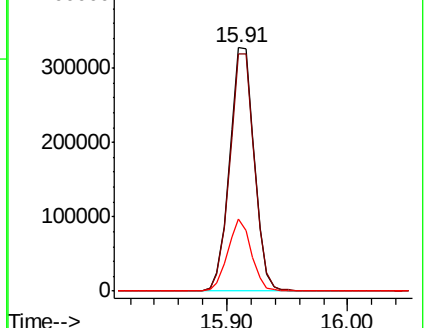
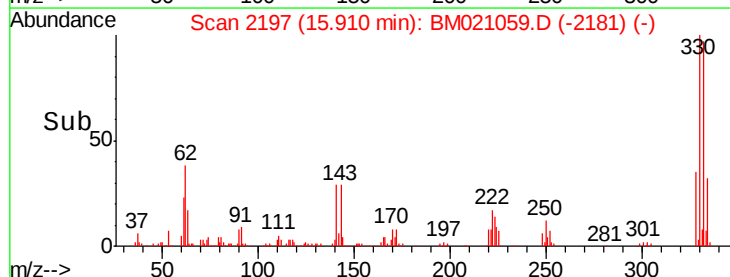
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	28.1	21.8	32.8

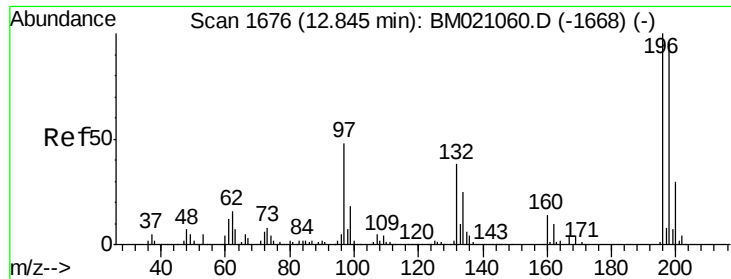


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

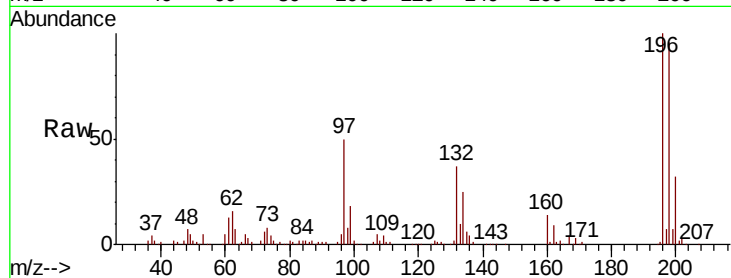




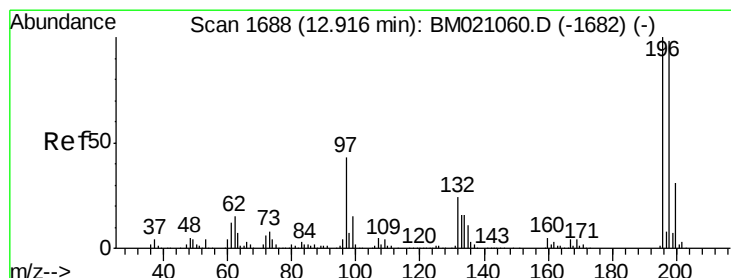
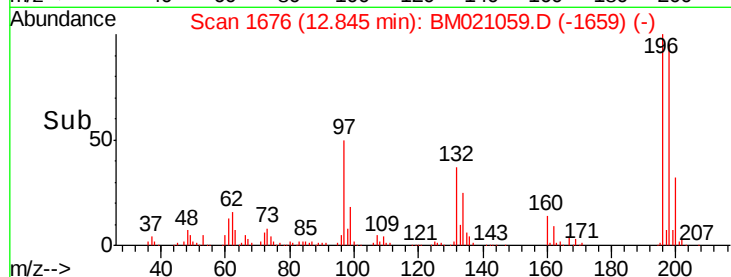
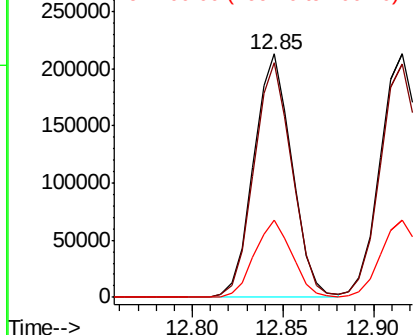
#43
 2,4,6-Trichlorophenol
 Concen: 22.342 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 311213
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.7 115.1
 200 32.0 24.2 36.4

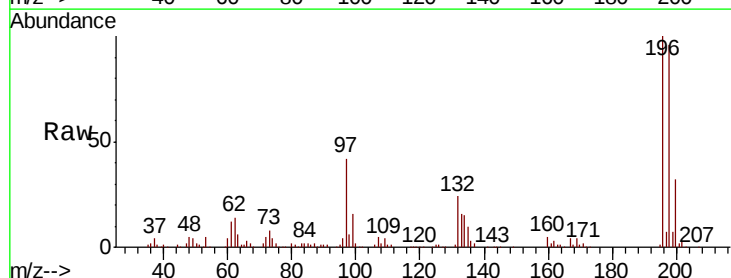


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

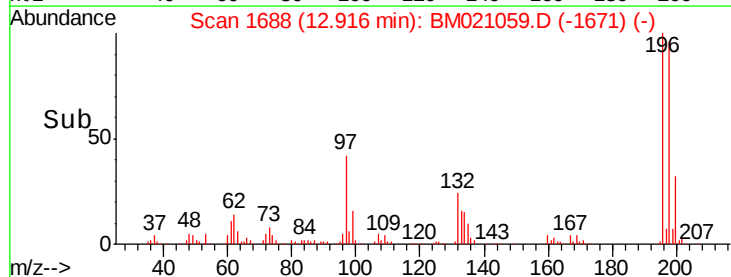
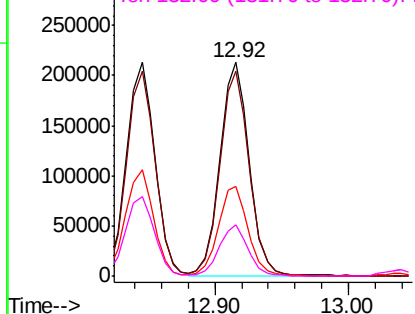


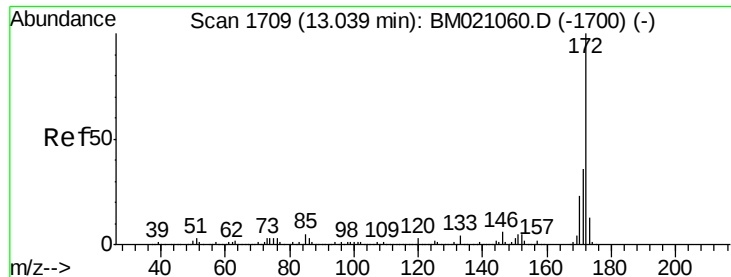
#44
 2,4,5-Trichlorophenol
 Concen: 22.637 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion:196 Resp: 325531
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.2 117.4
 97 42.2 34.1 51.1
 132 24.1 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

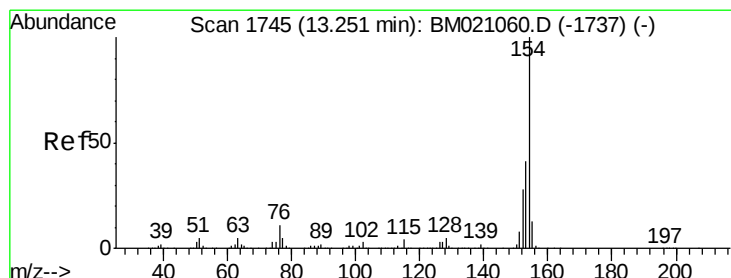
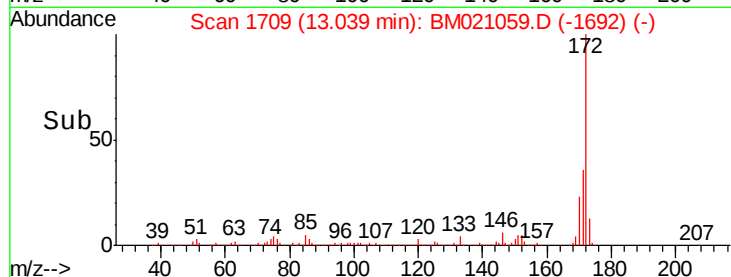
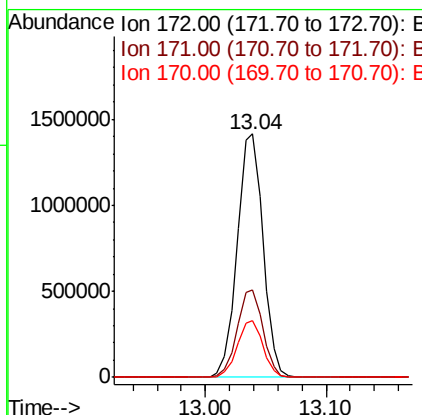
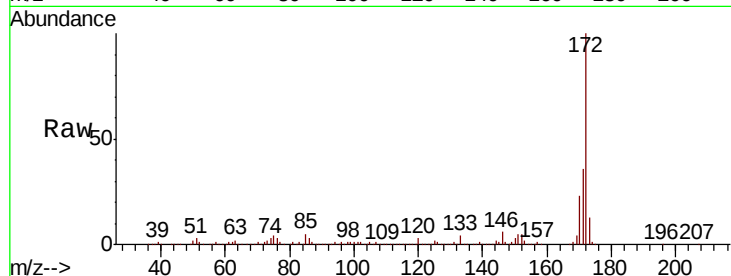




#45
2-Fluorobiphenyl
Concen: 42.361 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

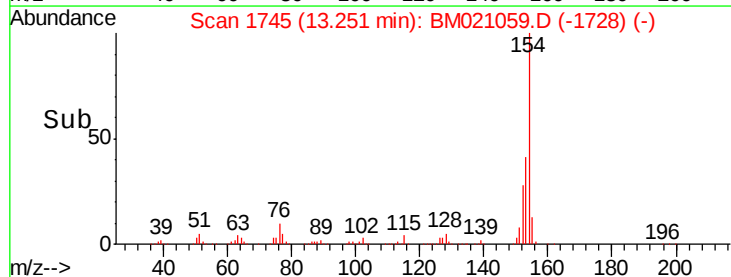
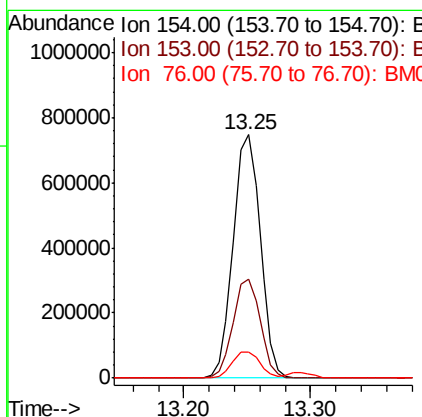
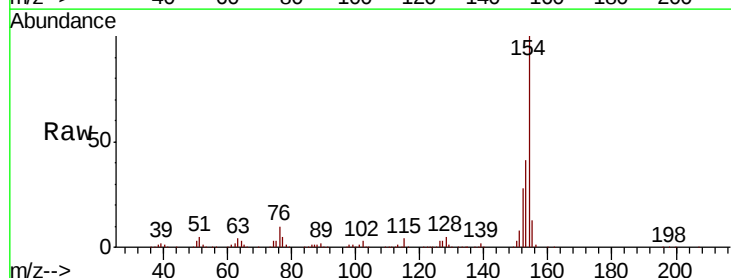
Instrument :
BNA_M
ClientSampleId :

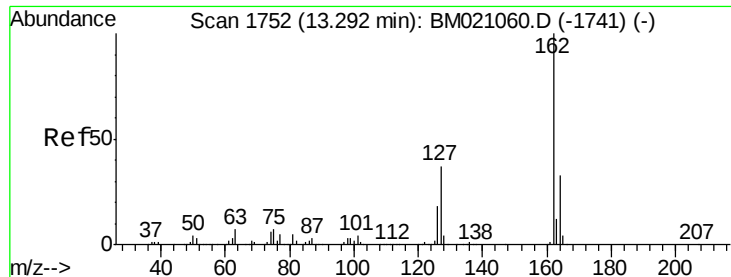
Tot Ion:172 Resp: 2104105
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 20.081 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion:154 Resp: 1107449
Ion Ratio Lower Upper
154 100
153 40.8 21.3 61.3
76 10.5 0.0 30.9

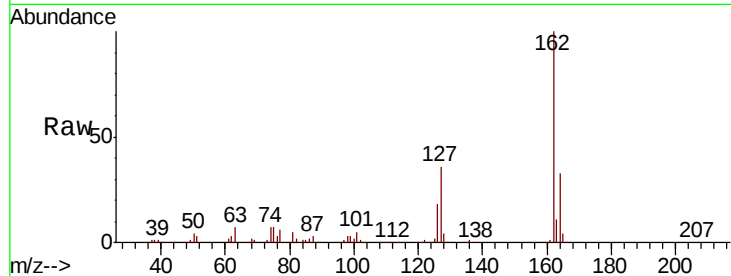




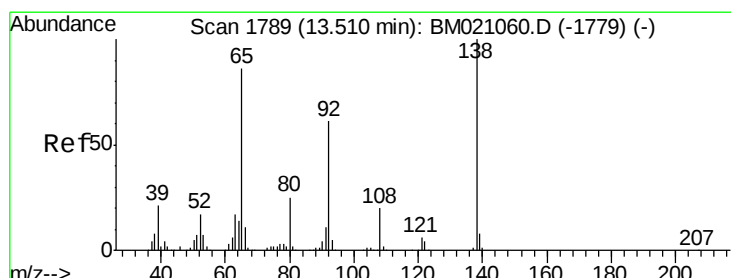
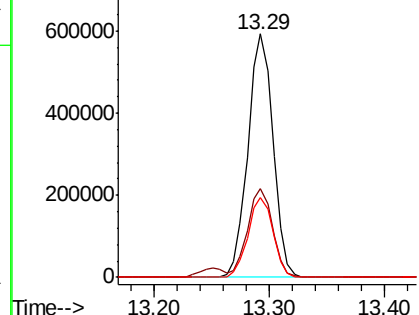
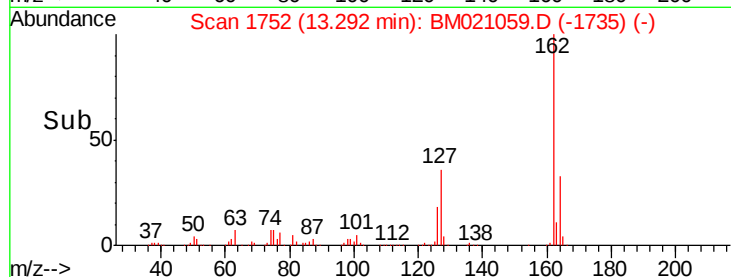
#47
 2-Chloronaphthalene
 Concen: 20.139 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	29.4	44.2
164	32.7	26.5	39.7

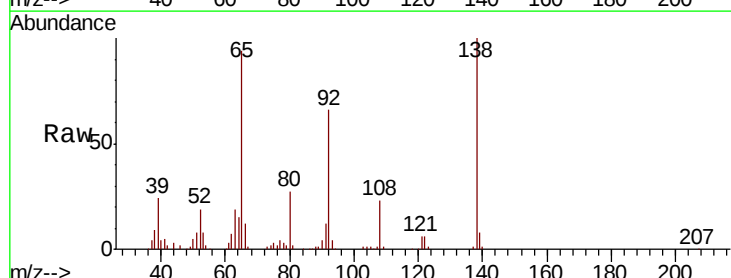


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

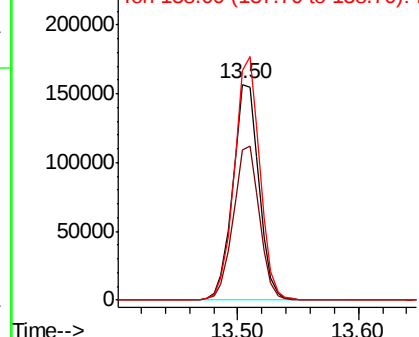
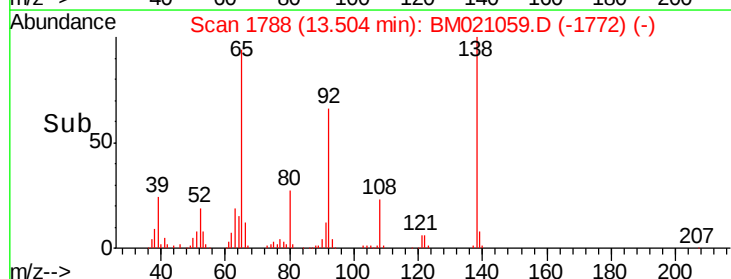


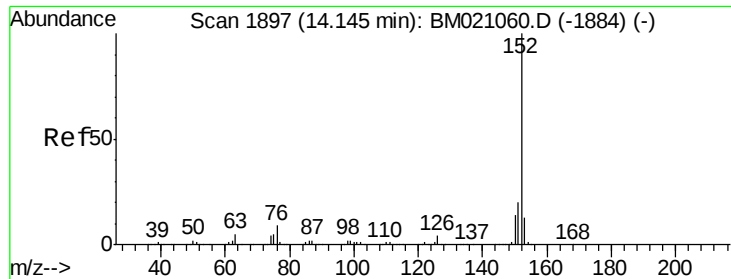
#48
 2-Nitroaniline
 Concen: 16.889 ng
 RT: 13.50 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	56.3	84.5
138	106.3	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: 19.740 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

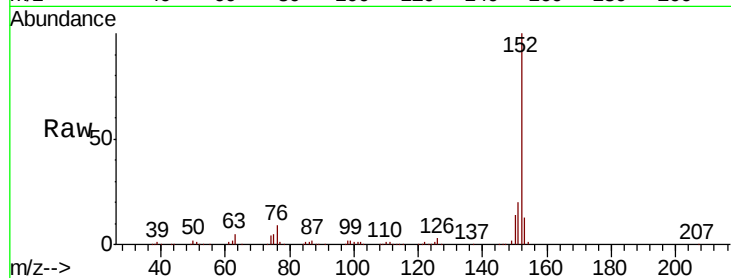
Tot Ion:152 Resp: 1370948

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

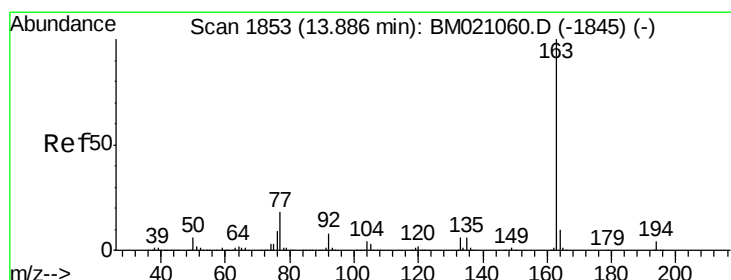
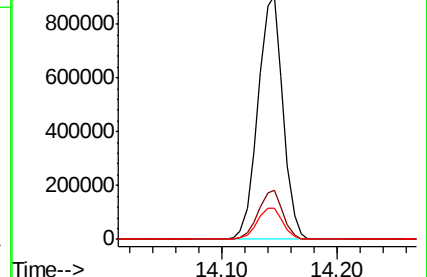
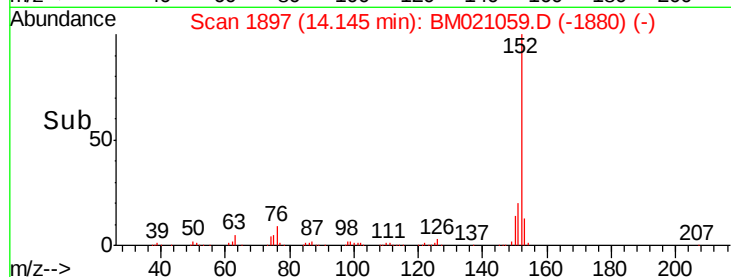
153 13.0 10.6 16.0



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: 20.520 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

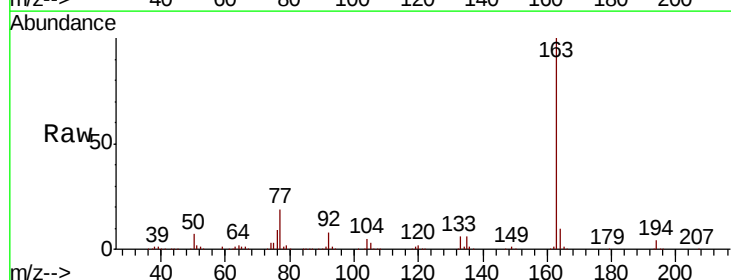
Tgt Ion:163 Resp: 1157672

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

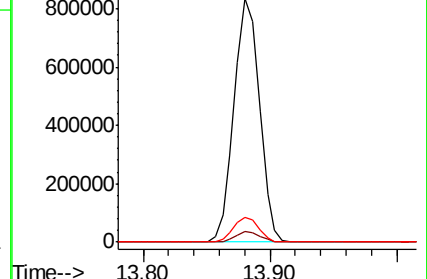
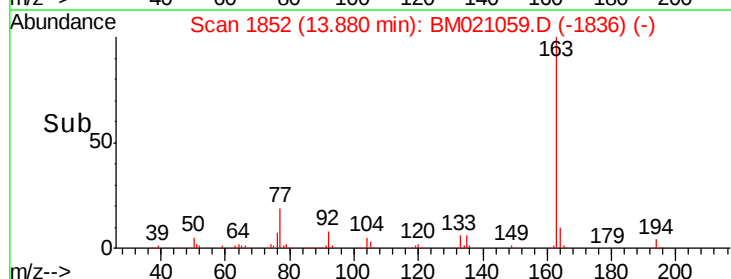
164 10.1 8.2 12.2

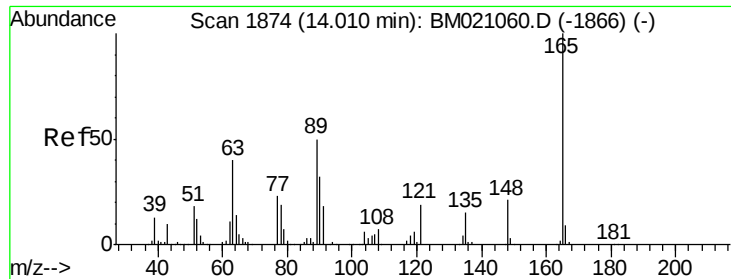


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 21.193 ng

RT: 14.00 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampled :

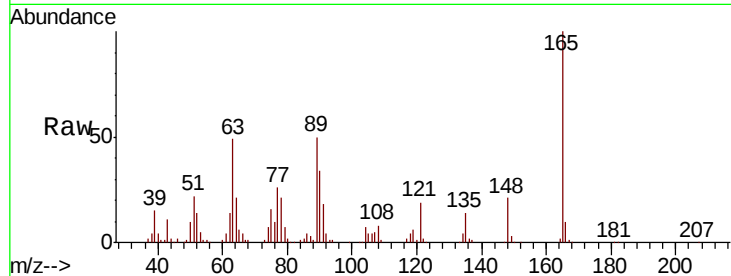
Tot Ion:165 Resp: 242780

Ion Ratio Lower Upper

165 100

63 48.6 37.8 56.6

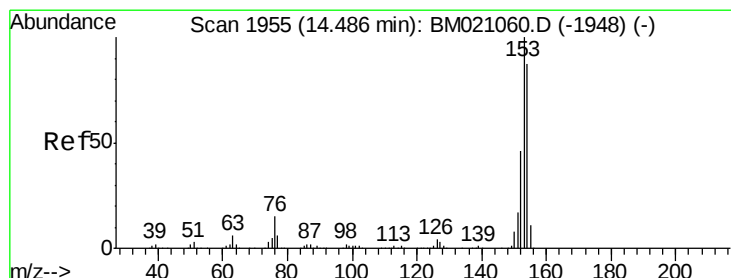
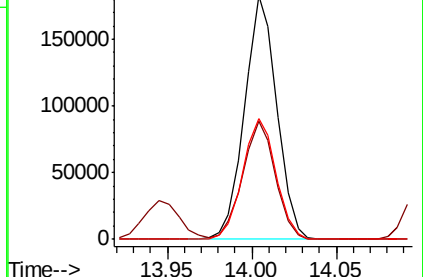
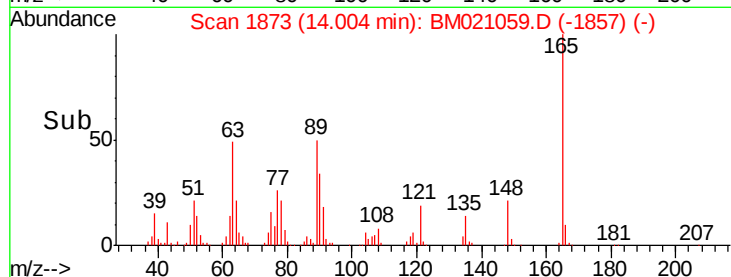
89 49.8 39.7 59.5



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: 19.979 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

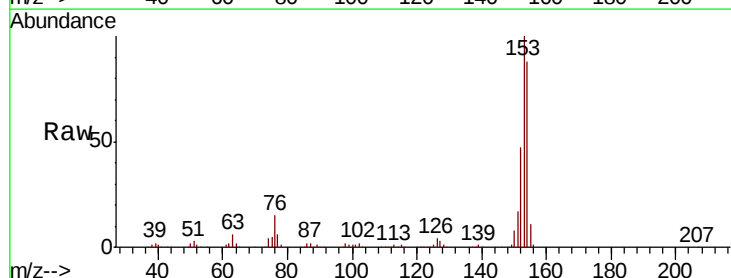
Tgt Ion:154 Resp: 826886

Ion Ratio Lower Upper

154 100

153 113.7 91.5 137.3

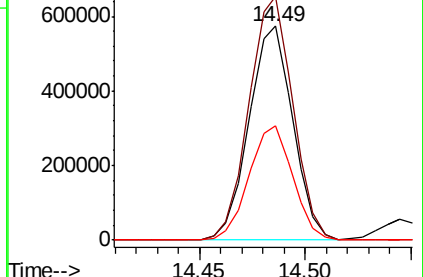
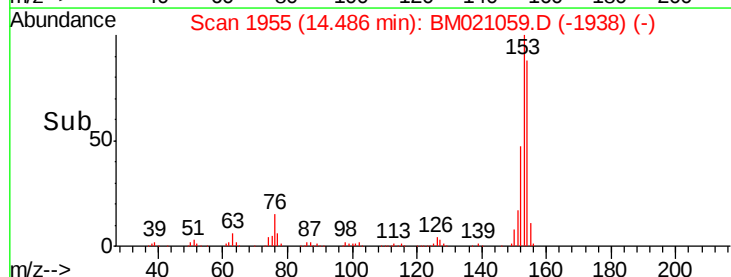
152 53.5 42.3 63.5

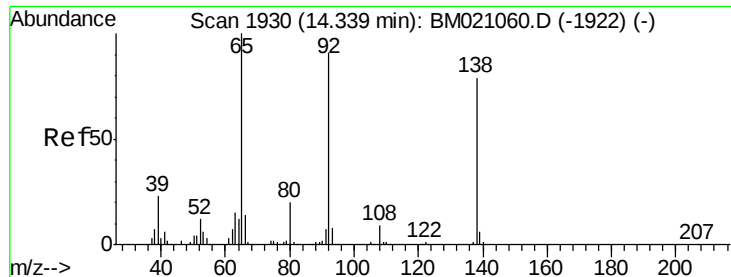


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

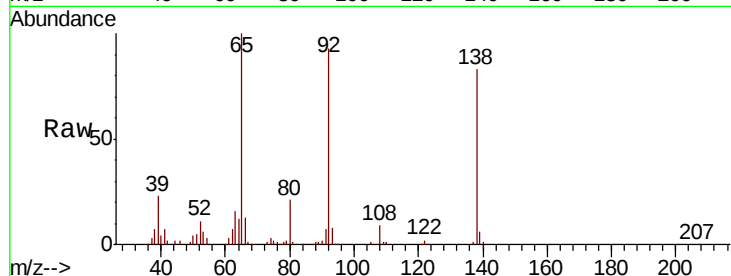




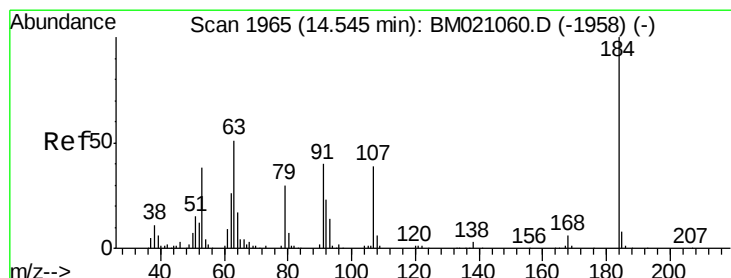
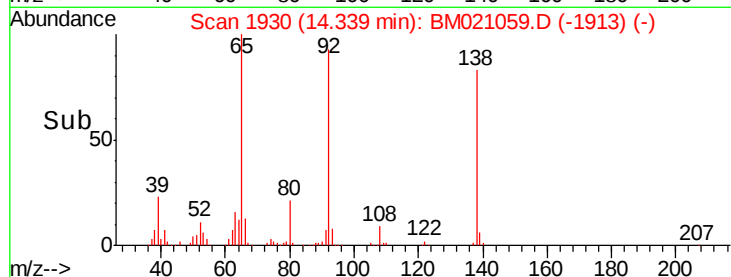
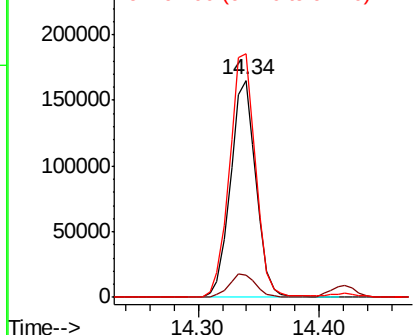
#53
3-Nitroaniline
Concen: 18.945 ng
RT: 14.34 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampled :

Tot Ion:138 Resp: 242233
Ion Ratio Lower Upper
138 100
108 10.4 9.0 13.4
92 112.0 92.2 138.2

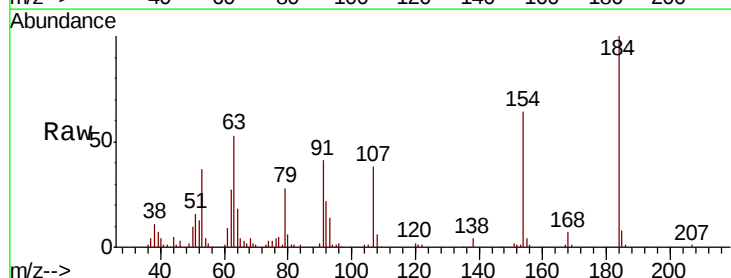


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

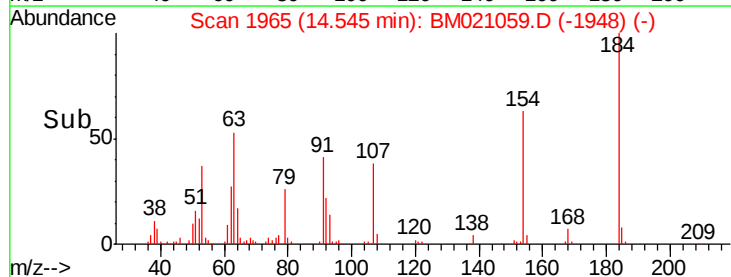
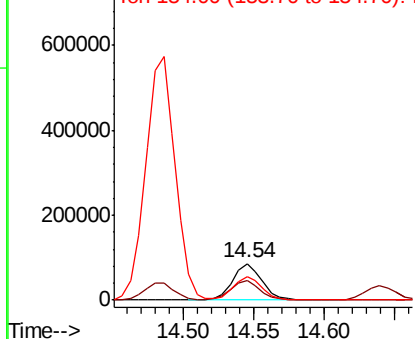


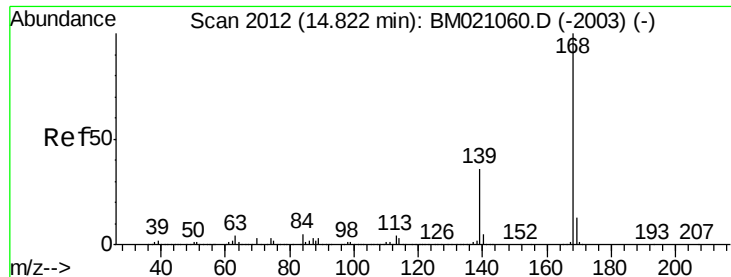
#54
2,4-Dinitrophenol
Concen: 30.043 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion:184 Resp: 121557
Ion Ratio Lower Upper
184 100
63 53.2 45.5 68.3
154 63.6 50.6 76.0



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

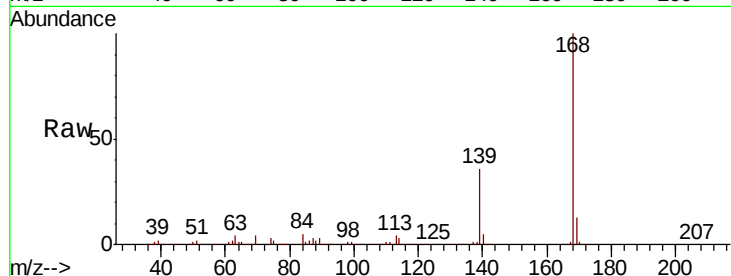




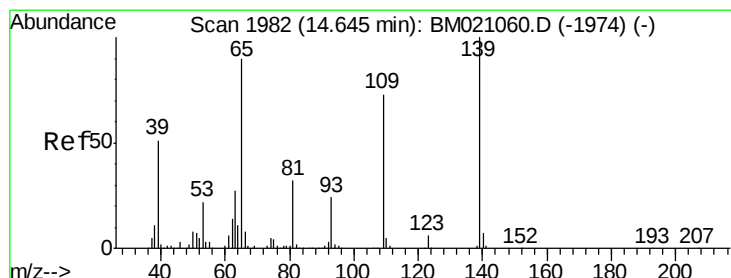
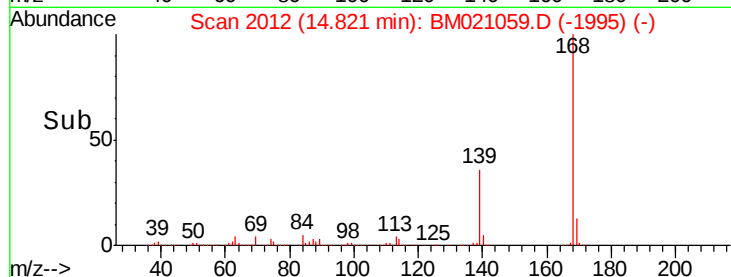
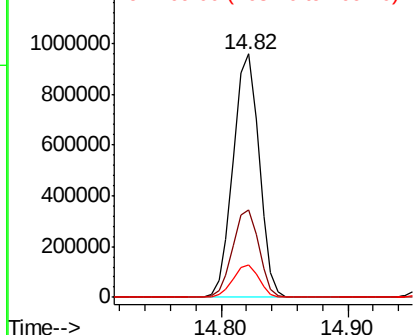
#55
Dibenzenofuran
Concen: 21.080 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 1355045
Ion Ratio Lower Upper
168 100
139 35.9 28.4 42.6
169 13.2 10.6 16.0

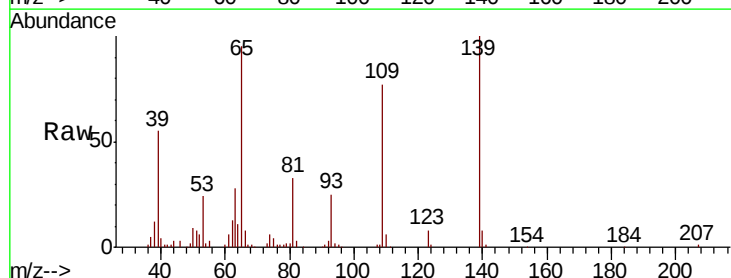


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

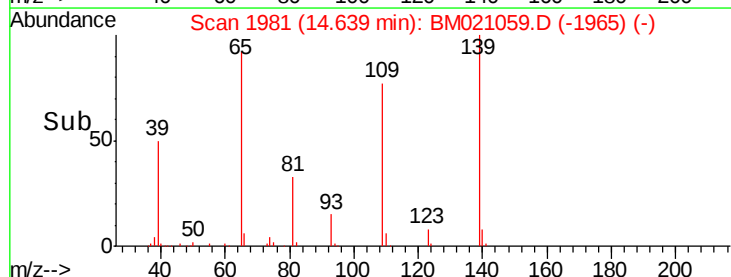
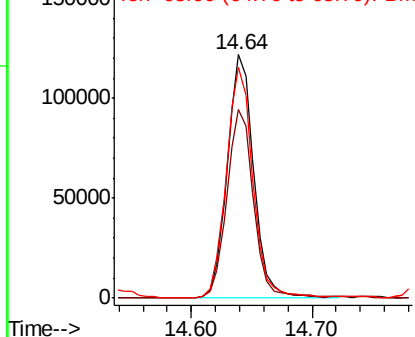


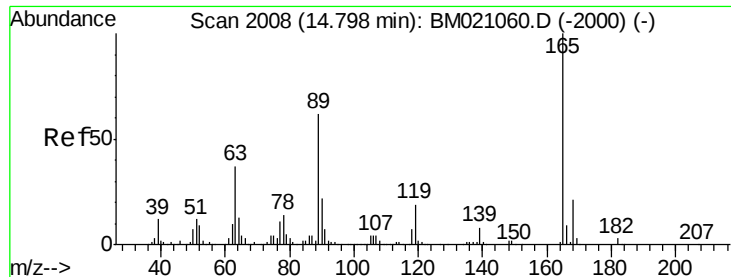
#56
4-Nitrophenol
Concen: 19.688 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion:139 Resp: 185507
Ion Ratio Lower Upper
139 100
109 77.5 53.3 93.3
65 95.0 70.3 110.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

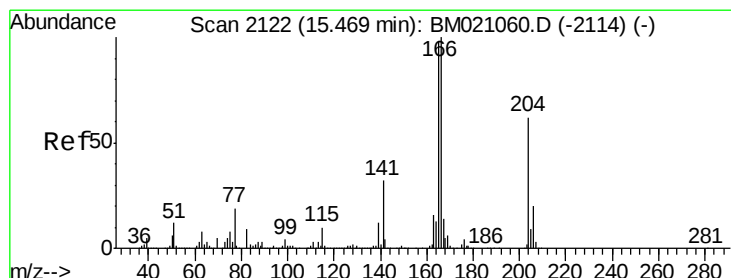
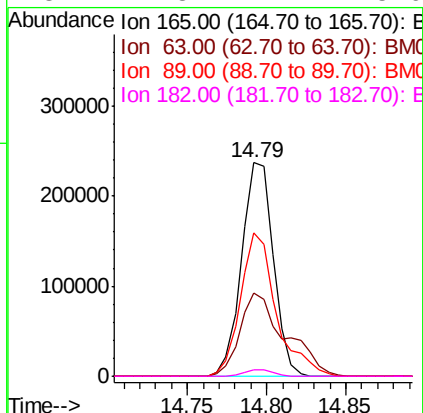
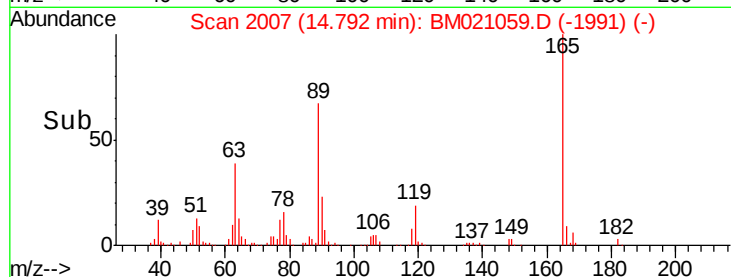
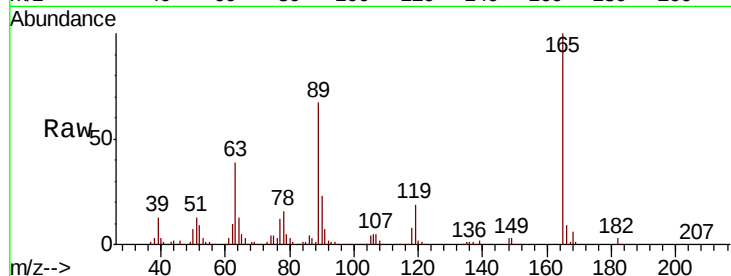




#57
2,4-Dinitrotoluene
Concen: 21.553 ng
RT: 14.79 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

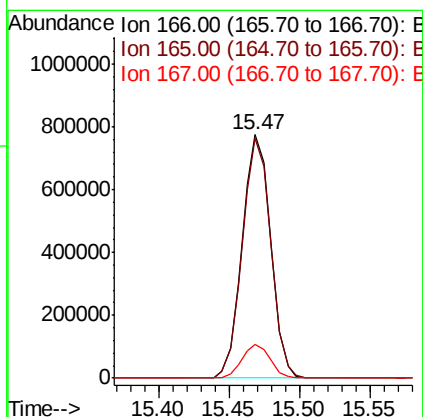
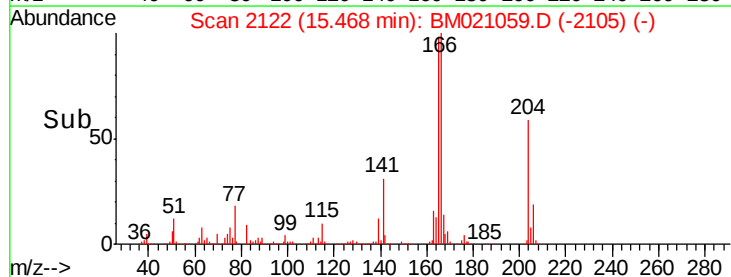
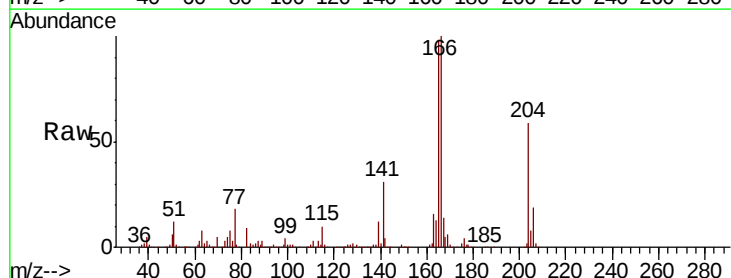
Instrument :
BNA_M
ClientSampleId :

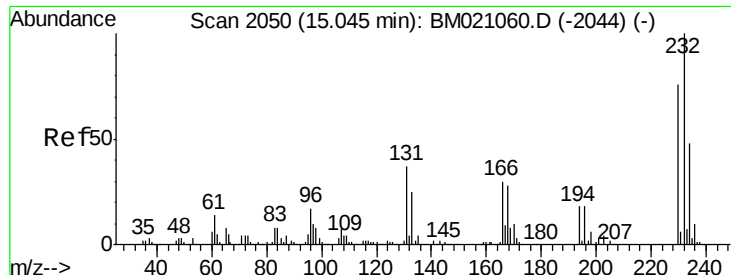
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.8	29.6	44.4
89	67.0	49.5	74.3
182	2.8	2.4	3.6



#58
Fluorene
Concen: 20.699 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	13.7	10.9	16.3

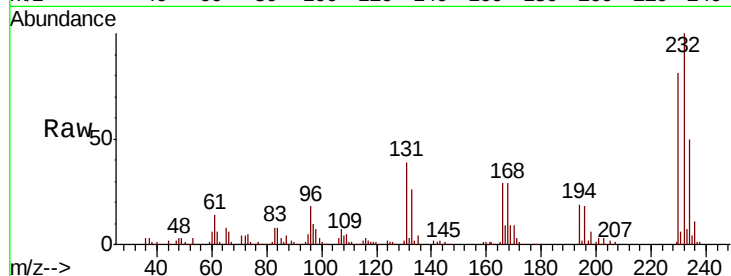




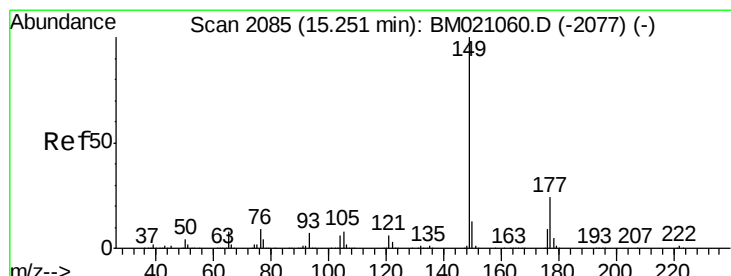
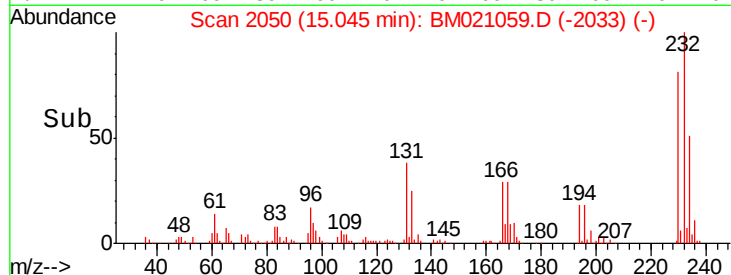
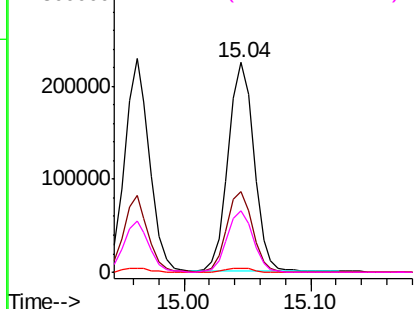
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 25.268 ng
 RT: 15.04 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	232	Resp:	316636
Ion	Ratio	Lower	Upper
232	100		
131	38.9	30.6	46.0
130	2.0	1.7	2.5
166	30.0	23.4	35.0

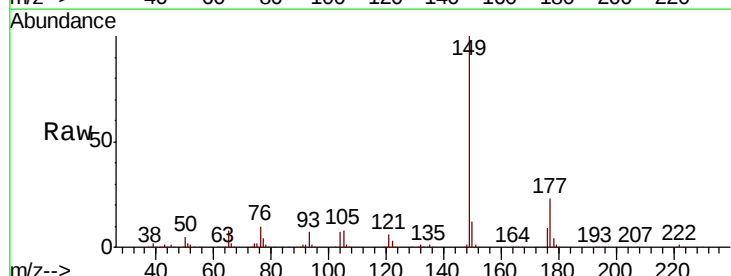


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

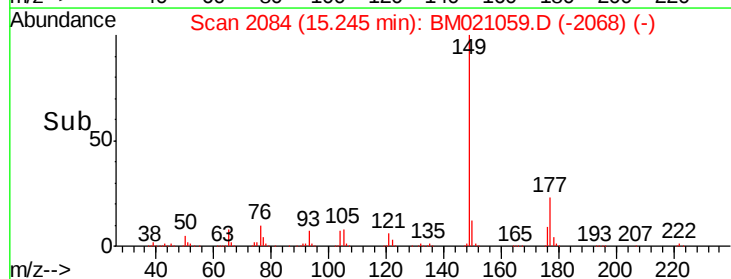
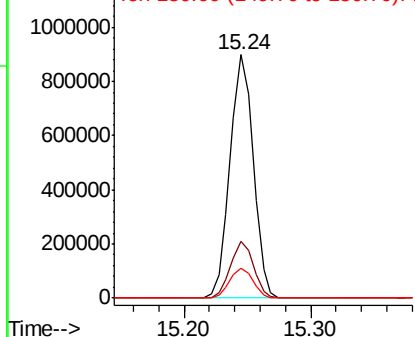


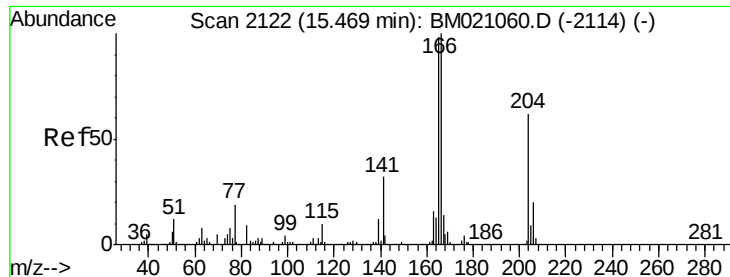
#60
 Diethylphthalate
 Concen: 19.607 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion:	149	Resp:	1140856
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.1	28.7
150	12.4	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

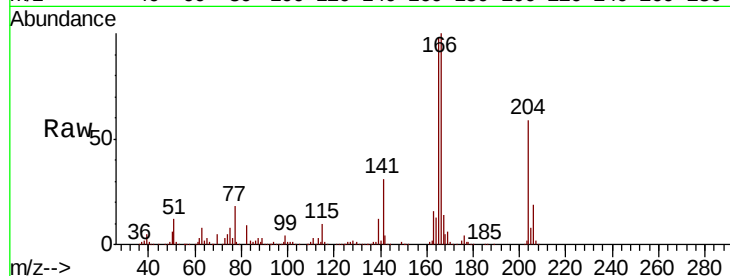




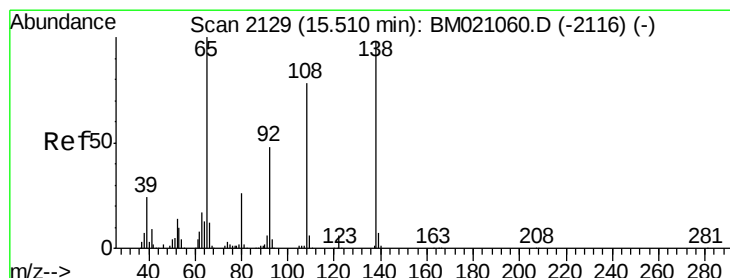
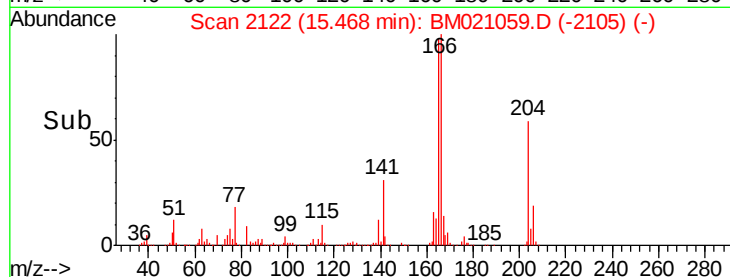
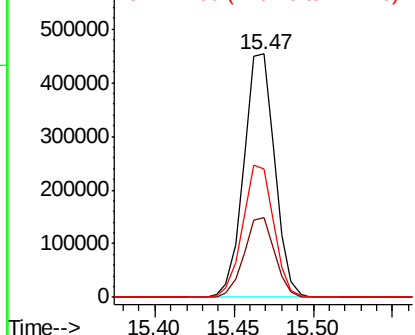
#61
4-Chlorophenyl-phenylether
Concen: 21.928 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 613748
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 52.5 40.7 61.1

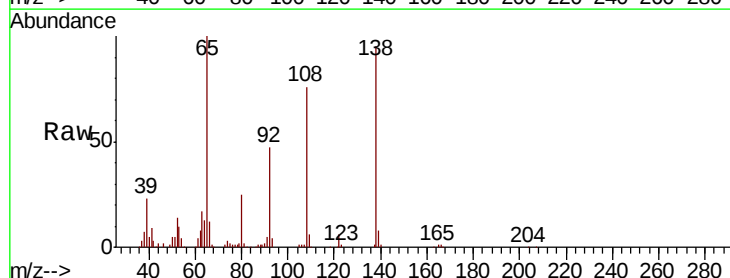


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

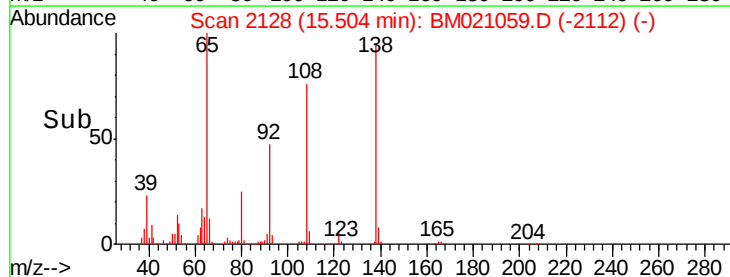
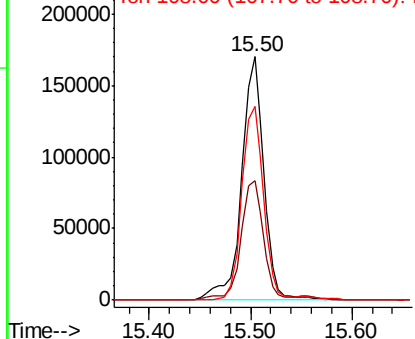


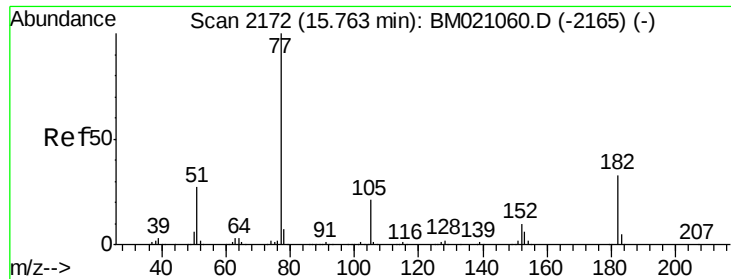
#62
4-Nitroaniline
Concen: 19.192 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion:138 Resp: 260255
Ion Ratio Lower Upper
138 100
92 48.9 29.1 69.1
108 79.7 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

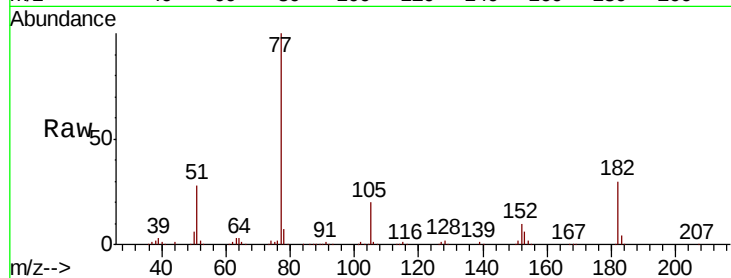




#63
Azobenzene
Concen: 16.891 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	77	Resp:	942236
Ion	Ratio	Lower	Upper
77	100		
182	30.0	12.6	52.6
105	20.4	1.1	41.1
51	27.8	6.9	46.9

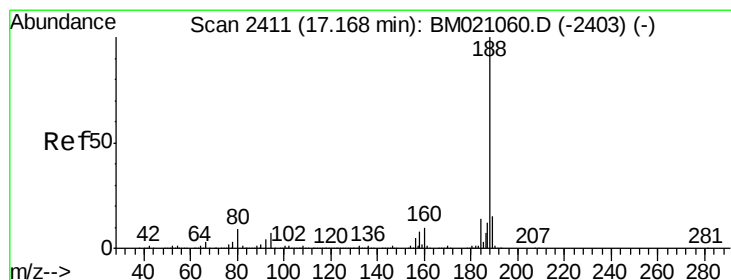
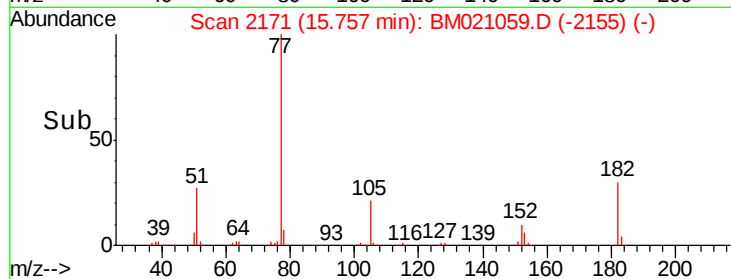
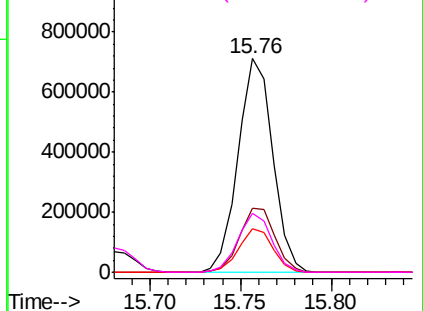


Abundance Ion 77.00 (76.70 to 77.70): BM021060.D (-2165) (-)

Ion 182.00 (181.70 to 182.70): BM021060.D (-2165) (-)

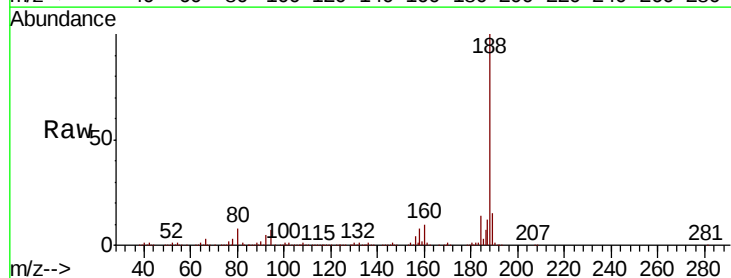
Ion 105.00 (104.70 to 105.70): BM021060.D (-2165) (-)

Ion 51.00 (50.70 to 51.70): BM021060.D (-2165) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

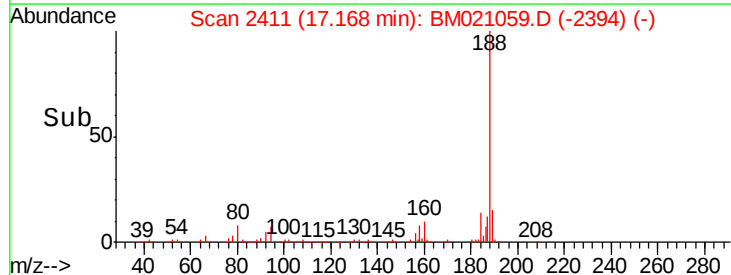
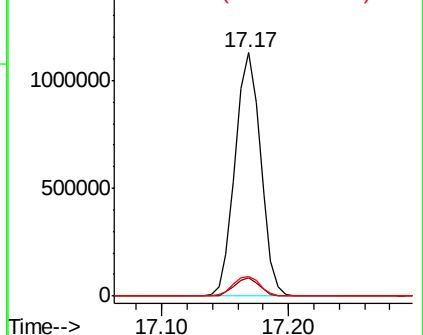
Tgt Ion:	188	Resp:	1573372
Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.8
80	8.2	6.9	10.3

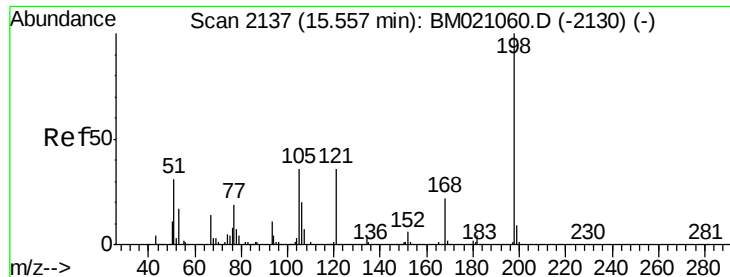


Abundance Ion 188.00 (187.70 to 188.70): BM021060.D (-2403) (-)

Ion 94.00 (93.70 to 94.70): BM021060.D (-2403) (-)

Ion 80.00 (79.70 to 80.70): BM021060.D (-2403) (-)

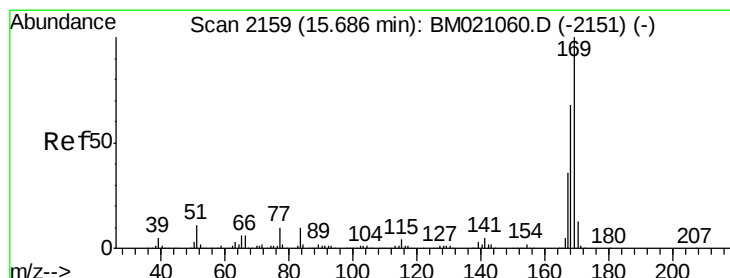
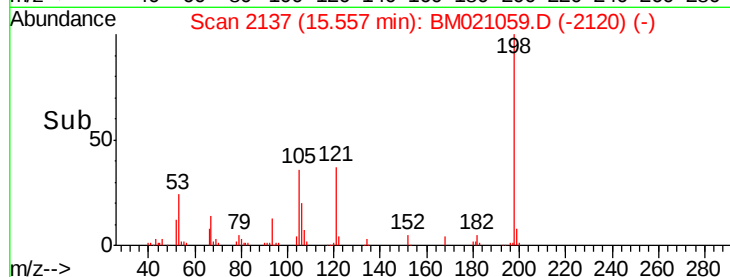
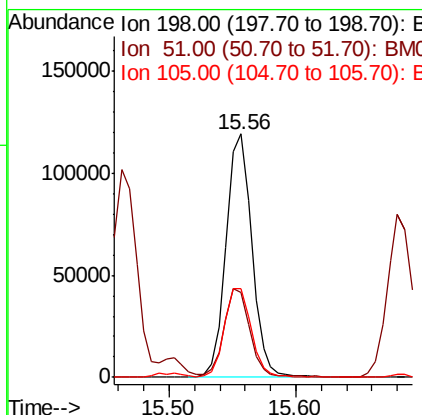
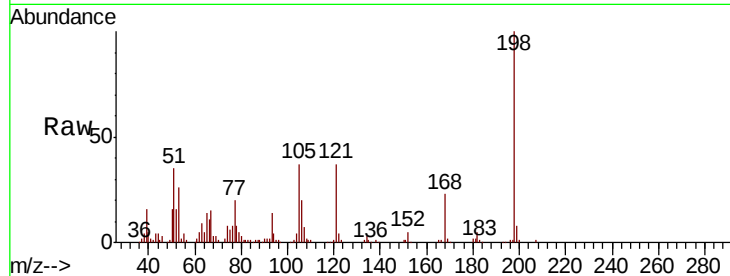




#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.879 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

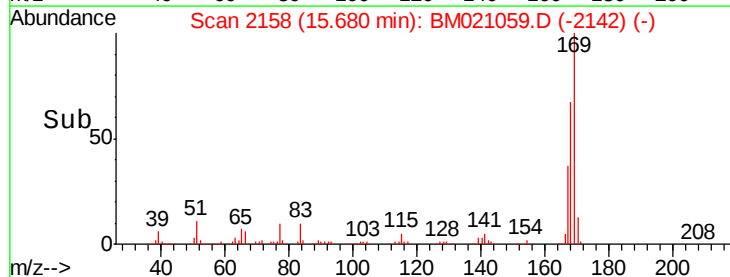
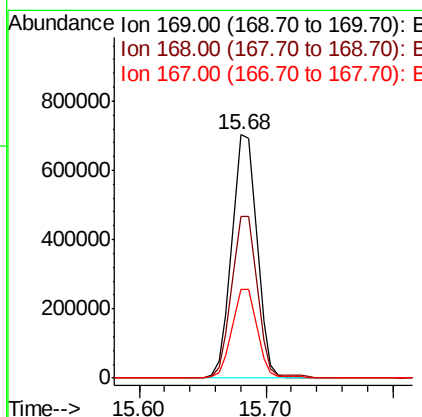
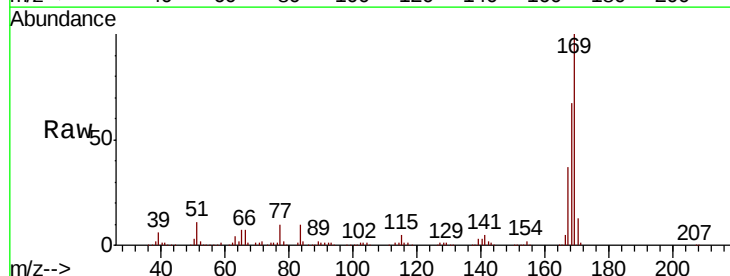
Instrument :
 BNA_M
 ClientSampleId :

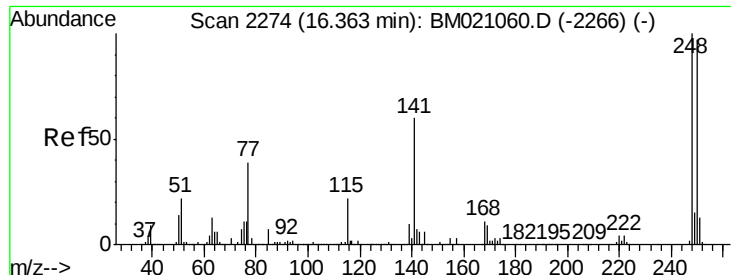
Tot Ion	198	Resp	168264
Ion	Ratio	Lower	Upper
198	100		
51	34.9	15.3	55.3
105	36.7	16.8	56.8



#66
 n-Nitrosodiphenylamine
 Concen: 19.115 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion	169	Resp	962764
Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.5	81.7
167	36.6	29.0	43.6





#67

4-Bromophenyl-phenylether

Concen: 21.574 ng

RT: 16.36 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

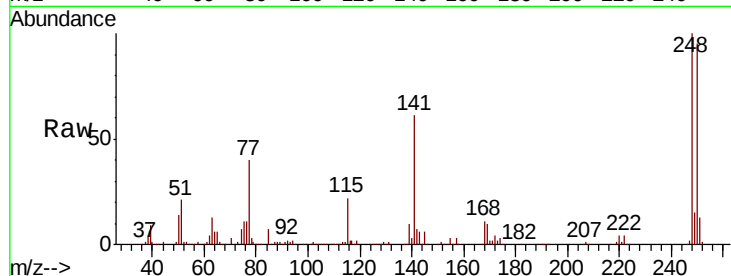
Instrument :

BNA_M

ClientSampleId :

Tot Ion:248 Resp: 399646

Ion	Ratio	Lower	Upper
248	100		
250	94.8	77.5	116.3
141	61.2	47.8	71.6

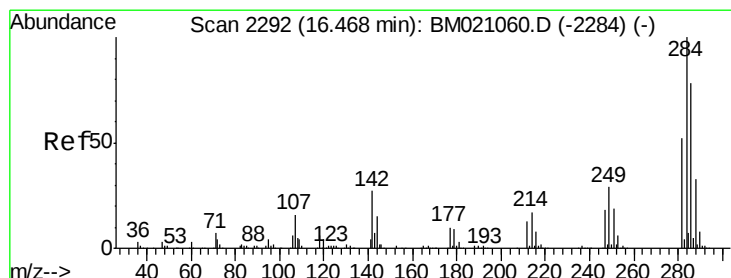
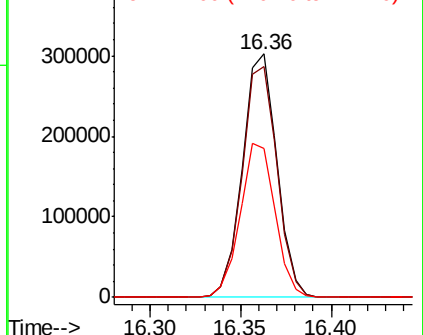
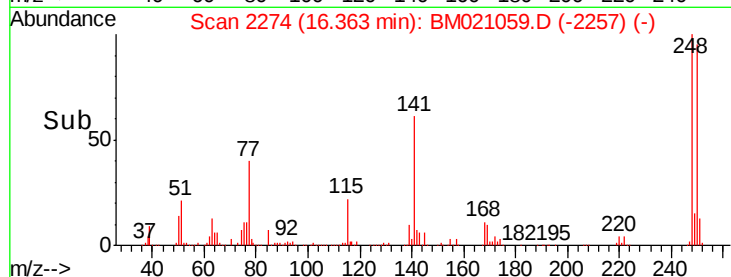


Abundance

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: 22.087 ng

RT: 16.47 min Scan# 2292

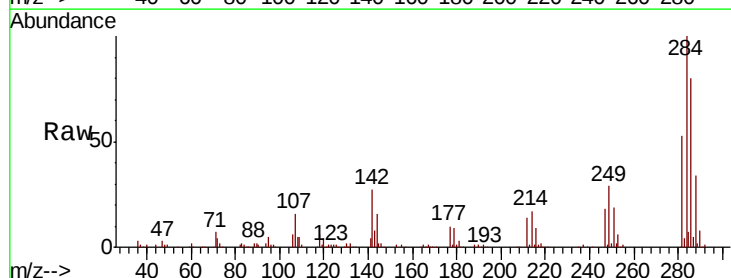
Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:284 Resp: 477774

Ion	Ratio	Lower	Upper
284	100		
142	26.8	21.2	31.8
249	29.3	23.4	35.0

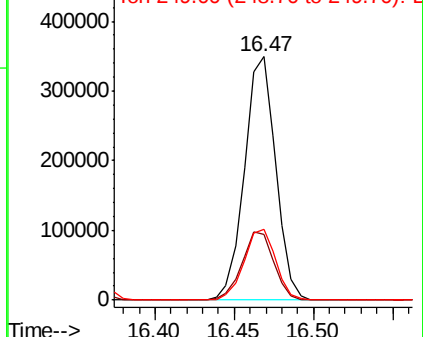
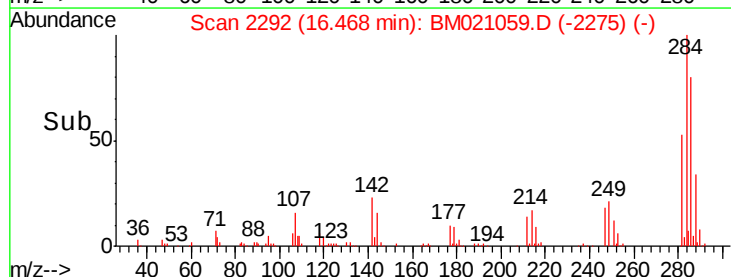


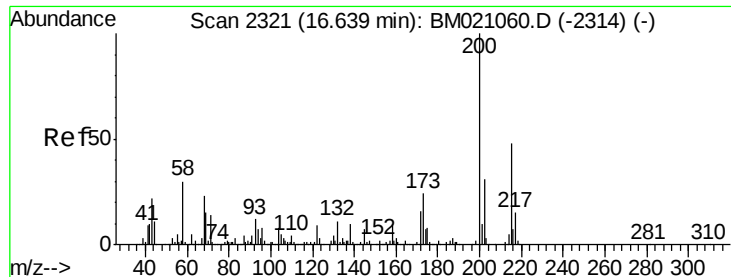
Abundance

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

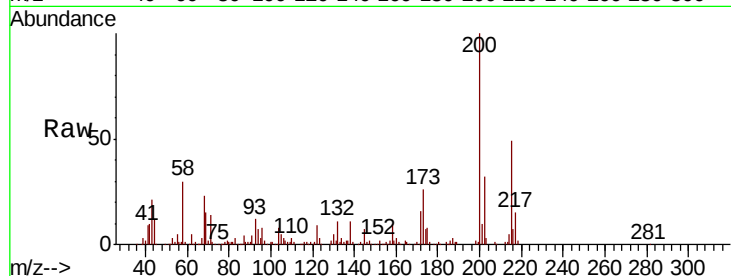




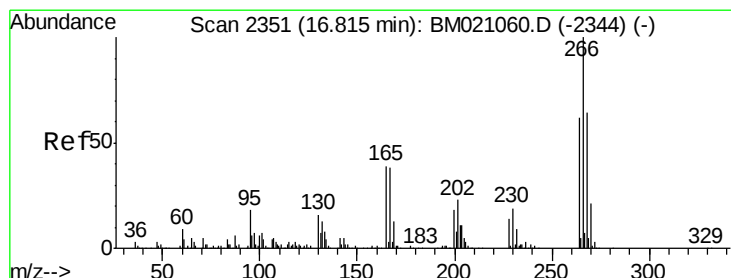
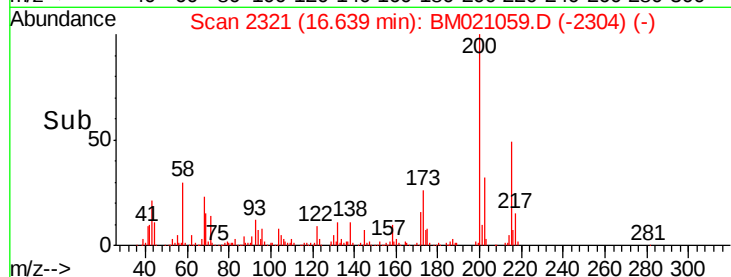
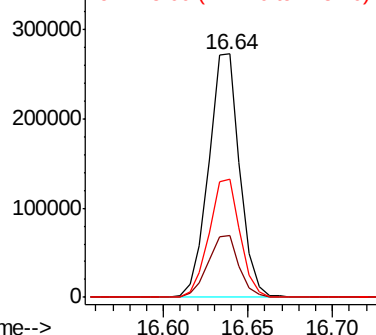
#69
Atrazine
Concen: 23.324 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	4.3	44.3
215	48.7	28.2	68.2

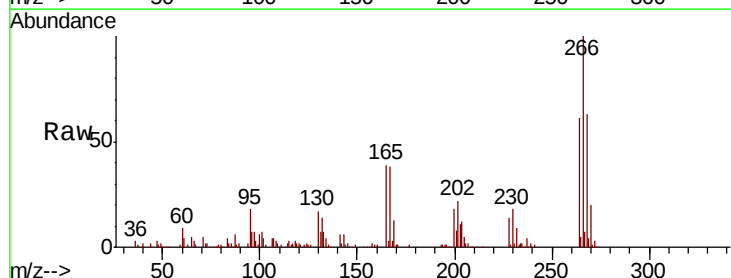


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

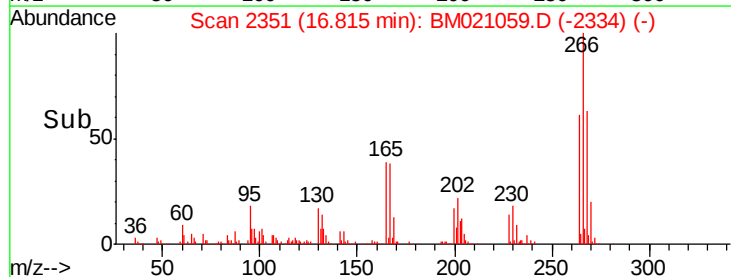
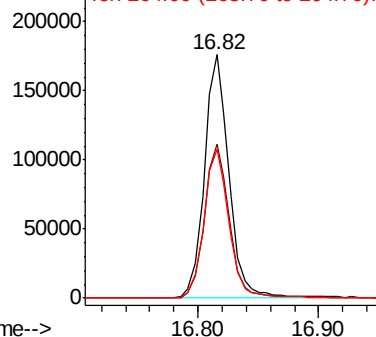


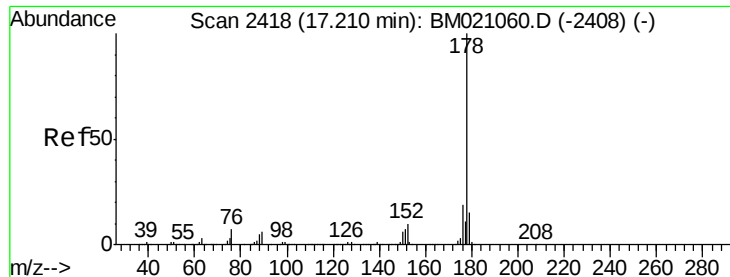
#70
Pentachlorophenol
Concen: 24.130 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.0	76.4
264	61.3	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: 20.284 ng

RT: 17.21 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

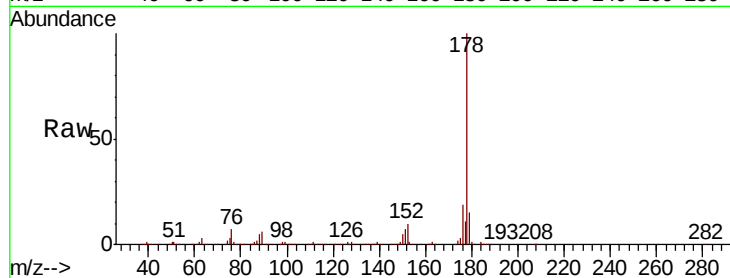
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1809041

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.2	12.2	18.4

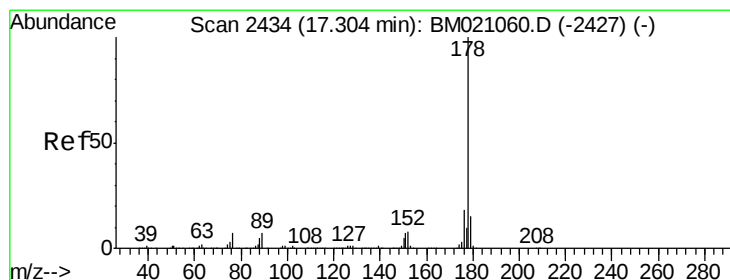
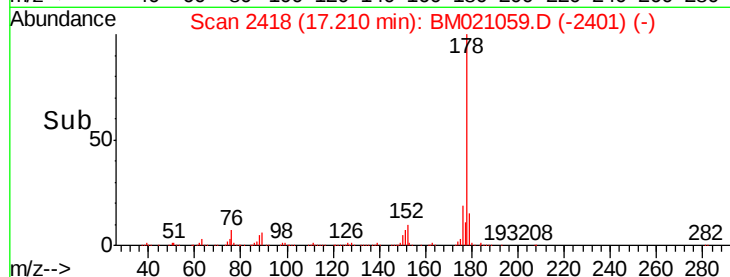
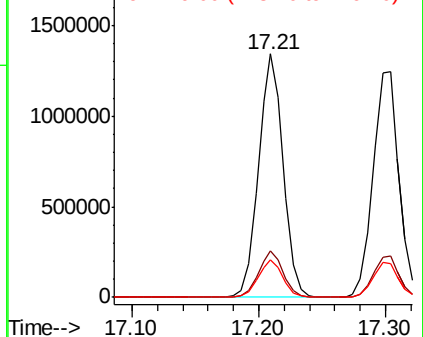


Abundance

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: 19.865 ng

RT: 17.30 min Scan# 2434

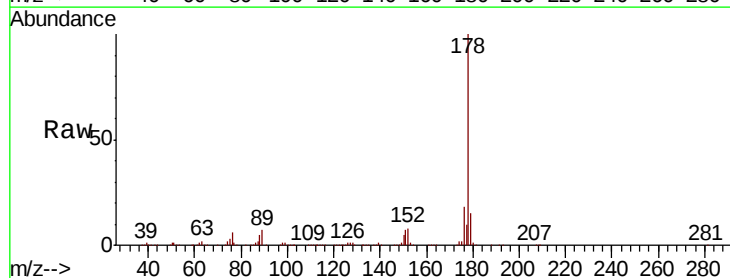
Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:178 Resp: 1773220

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.1	12.2	18.2

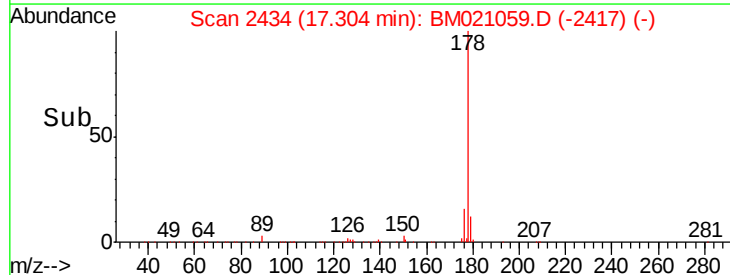
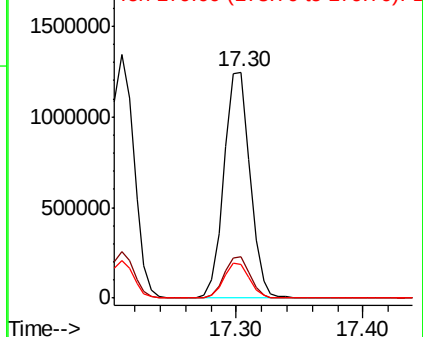


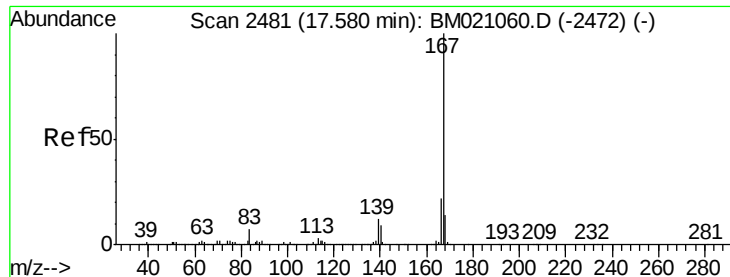
Abundance

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



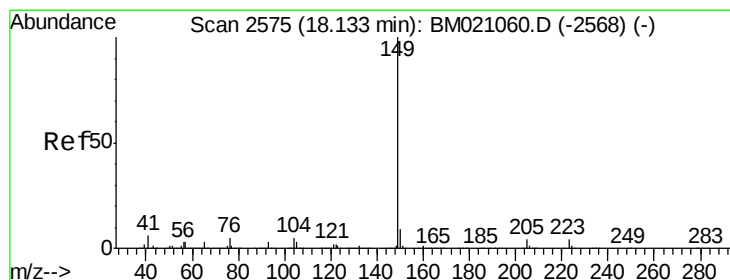
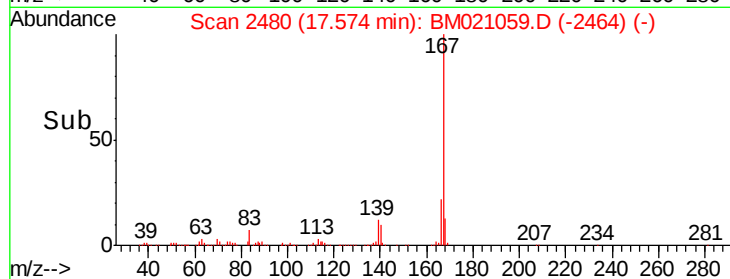
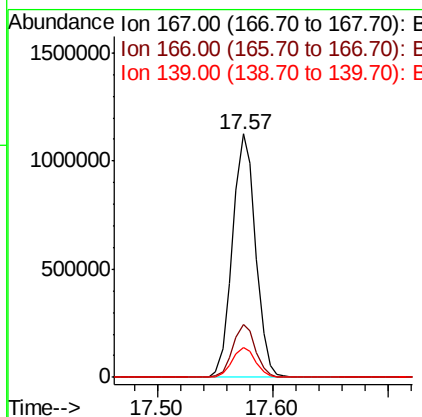
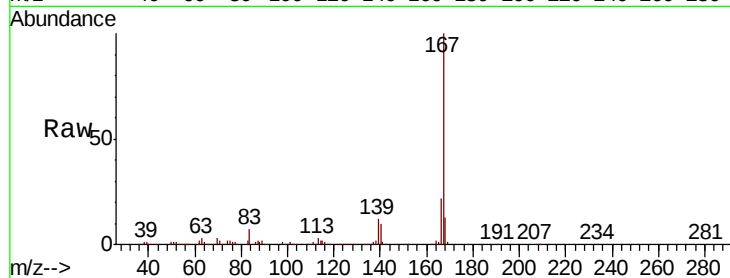


#73
 Carbazole
 Concen: 19.310 ng
 RT: 17.57 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 1564139

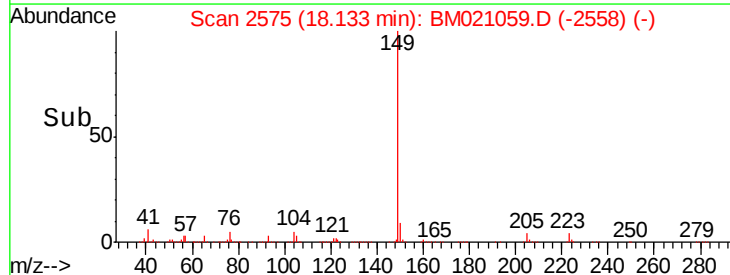
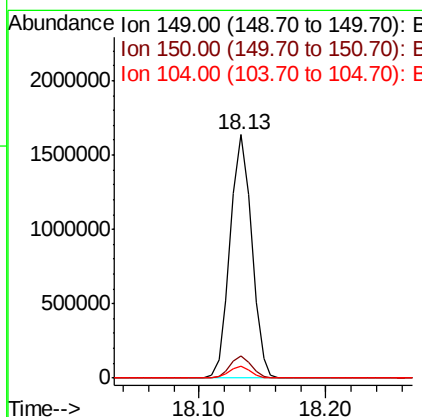
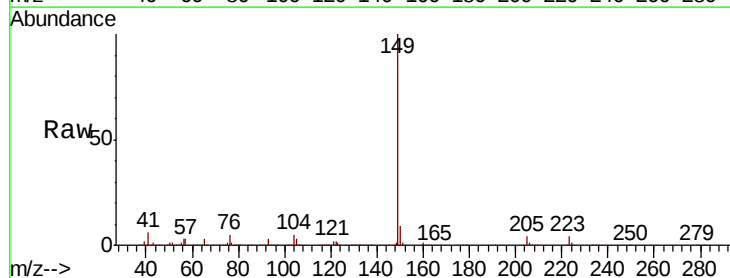
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	12.2	9.7	14.5

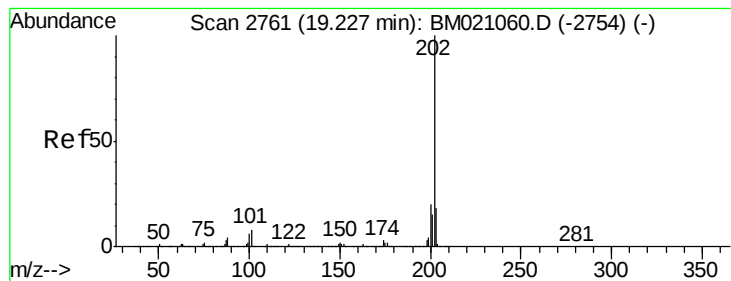


#74
 Di-n-butylphthalate
 Concen: 18.313 ng
 RT: 18.13 min Scan# 2575
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion:149 Resp: 1925650

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.7	3.8	5.8





#75

Fluoranthene

Concen: 21.224 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

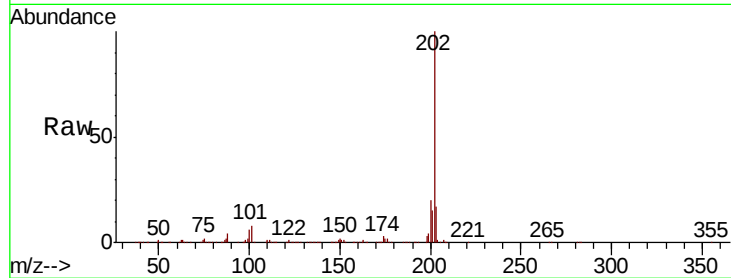
Tot Ion:202 Resp: 2104958

Ion Ratio Lower Upper

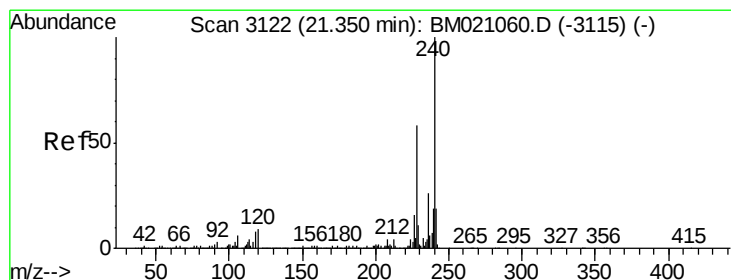
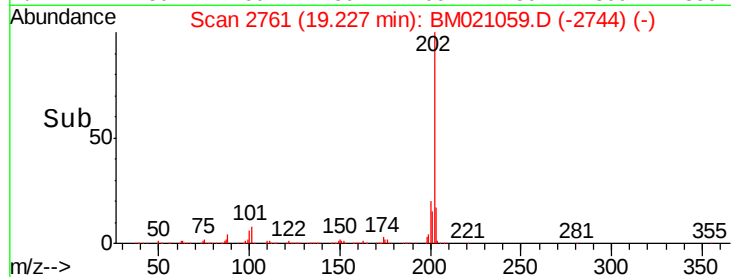
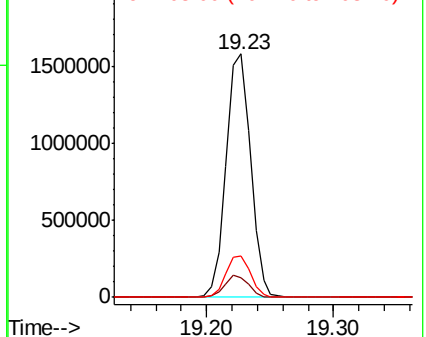
202 100

101 7.9 0.0 28.2

203 17.1 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: 21.35 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

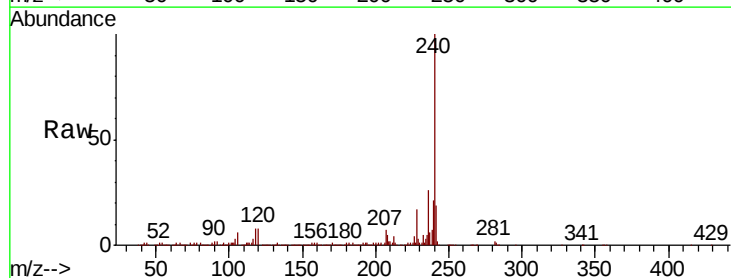
Tgt Ion:240 Resp: 1489374

Ion Ratio Lower Upper

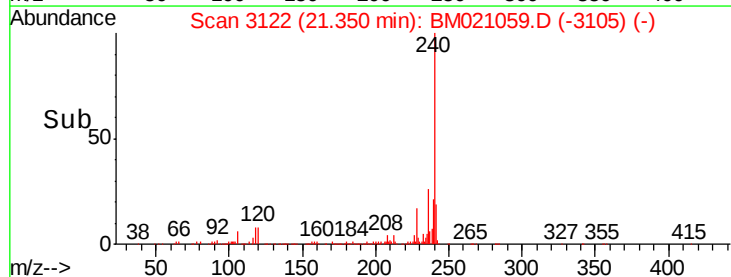
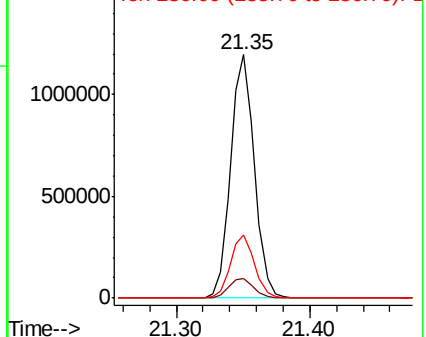
240 100

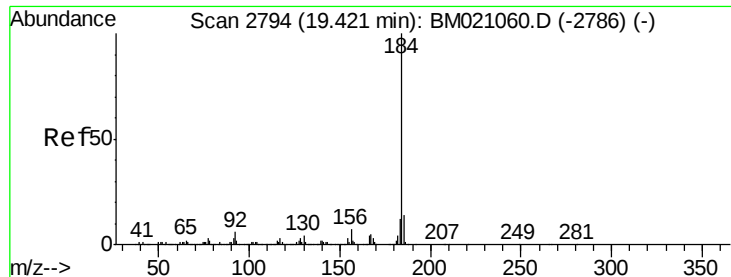
120 8.2 6.9 10.3

236 25.9 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: 21.271 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

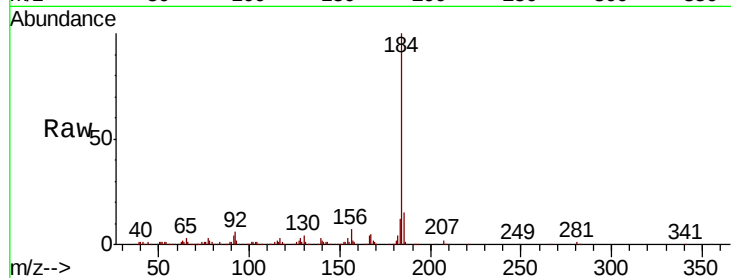
Tot Ion:184 Resp: 959970

Ion Ratio Lower Upper

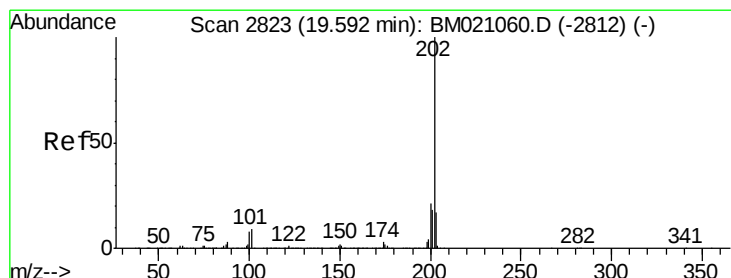
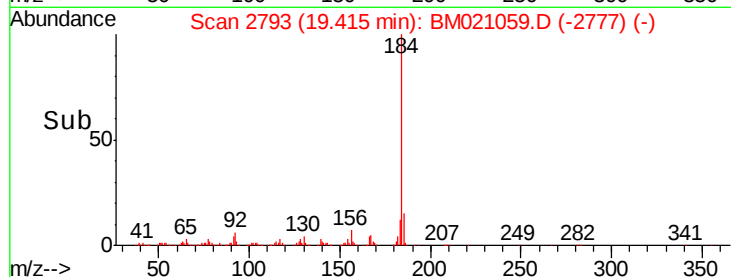
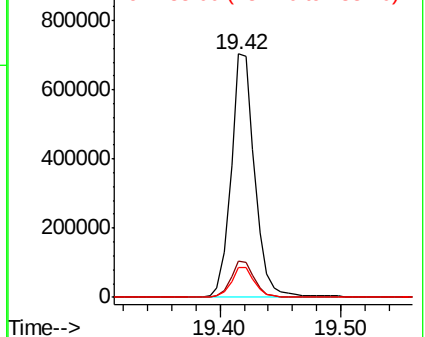
184 100

185 14.8 11.4 17.2

183 12.0 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: 18.846 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

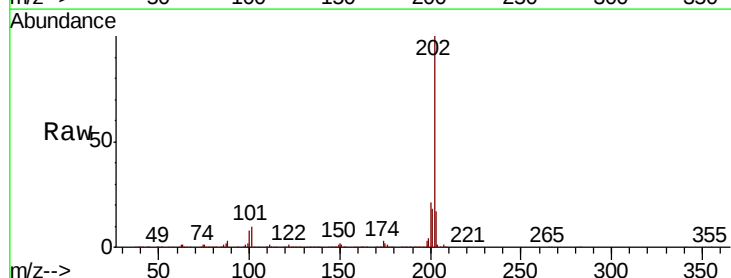
Tgt Ion:202 Resp: 2153945

Ion Ratio Lower Upper

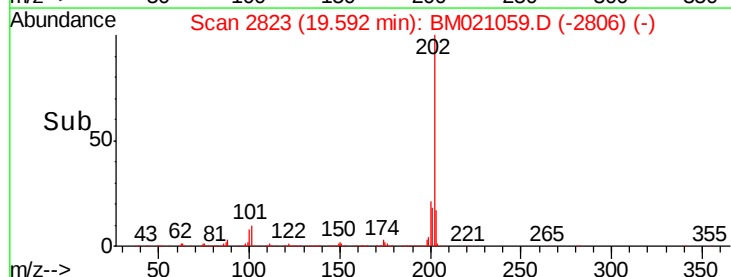
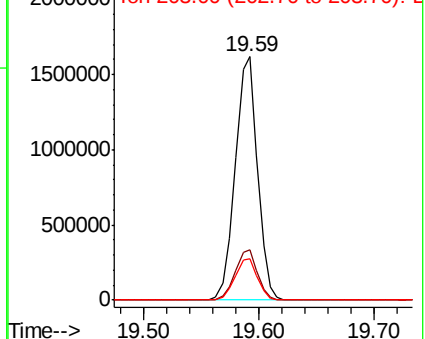
202 100

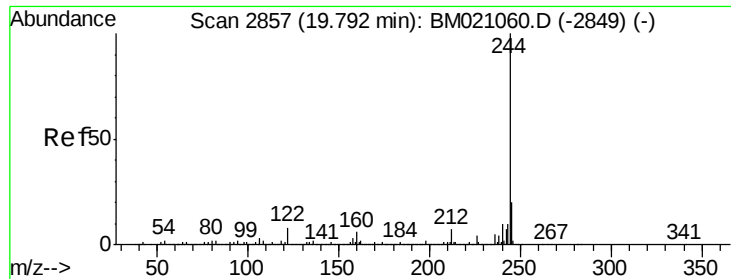
200 20.9 17.0 25.4

203 17.3 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: 35.527 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

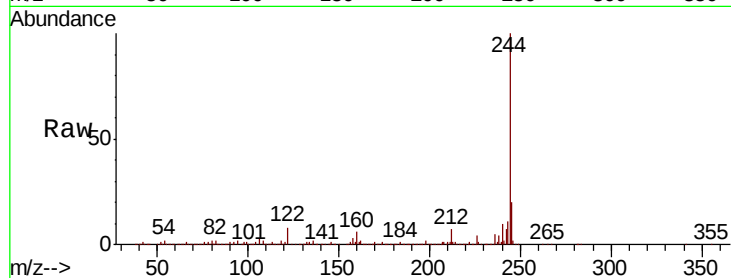
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3163412

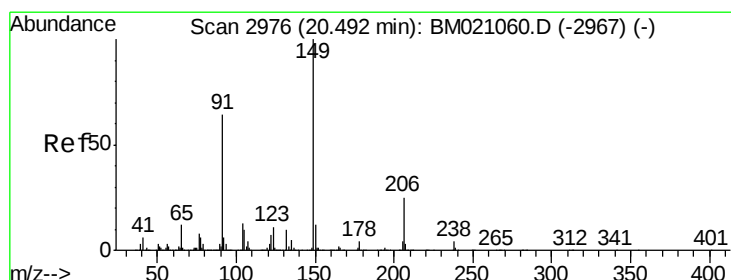
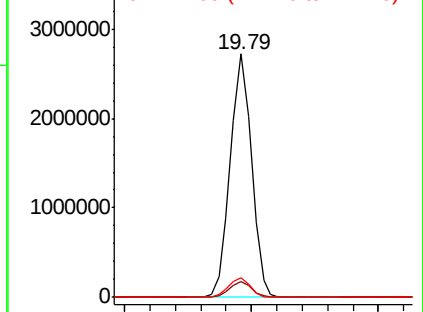
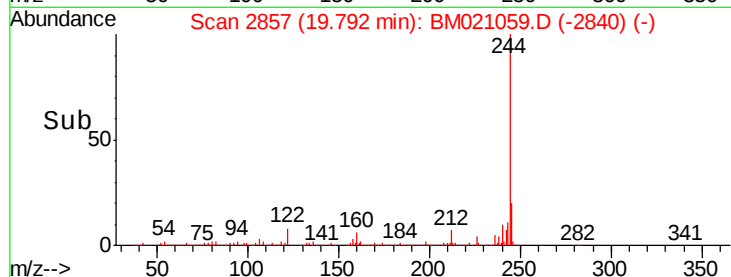
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	7.9	6.6	9.8



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: 16.774 ng

RT: 20.49 min Scan# 2975

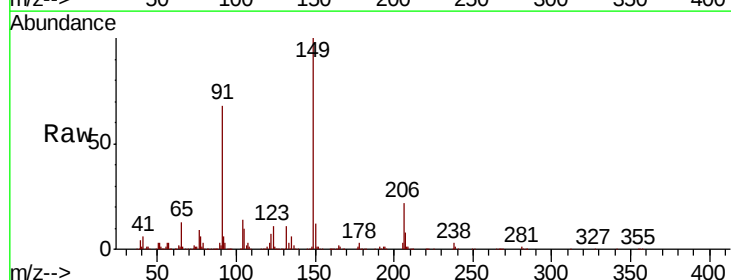
Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:149 Resp: 810199

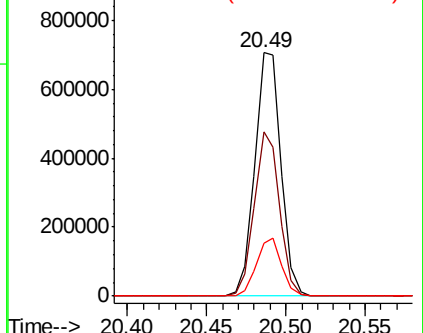
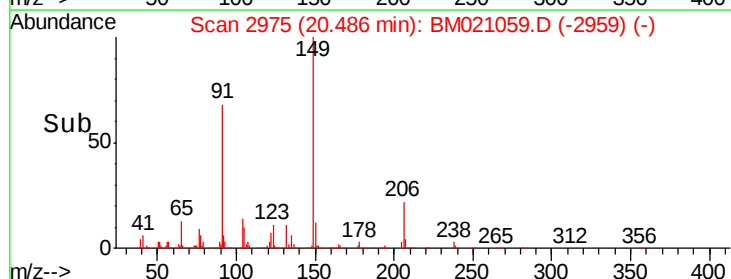
Ion	Ratio	Lower	Upper
149	100		
91	67.7	50.9	76.3
206	21.9	19.7	29.5

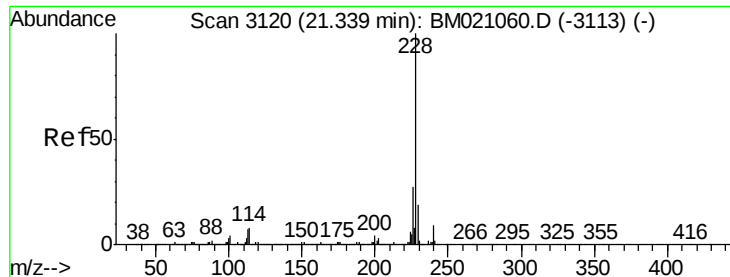


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 19.647 ng

RT: 21.33 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

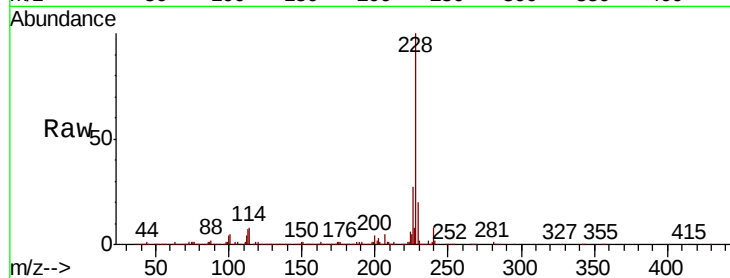
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2037780

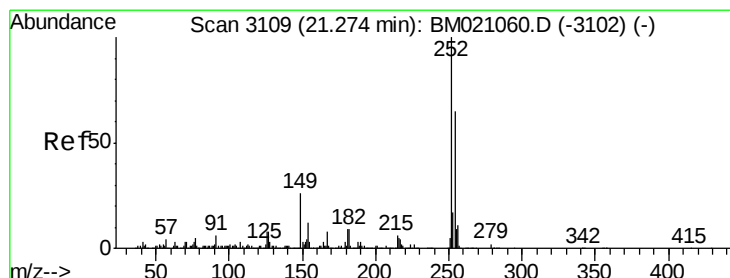
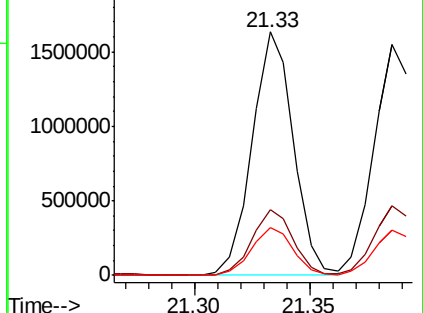
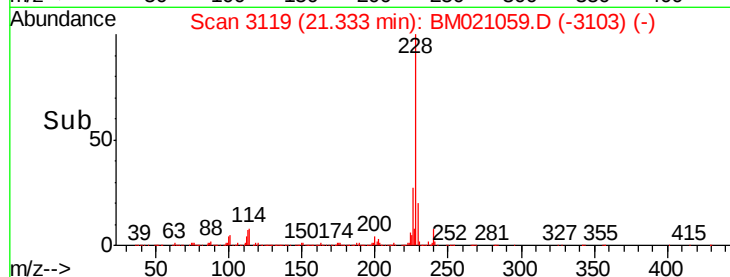
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	19.6	15.5	23.3



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: 20.406 ng

RT: 21.27 min Scan# 3109

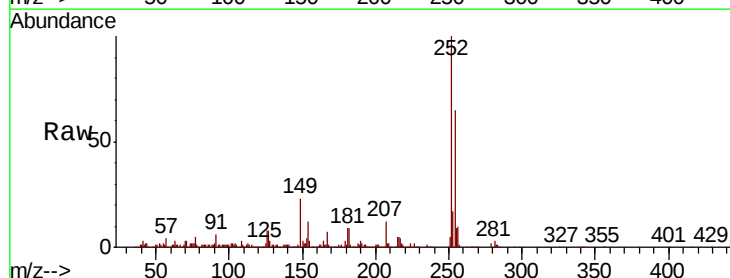
Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:252 Resp: 775025

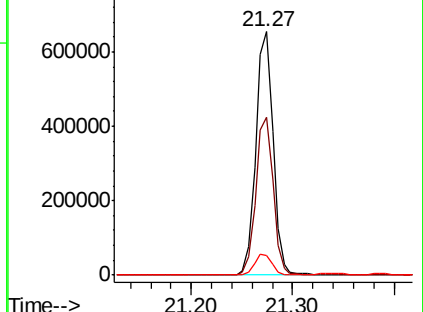
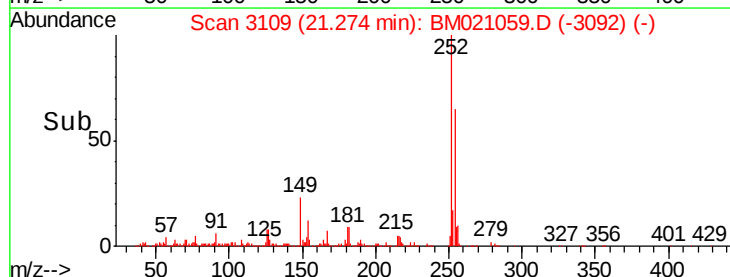
Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.7	77.5
126	8.0	6.6	9.8

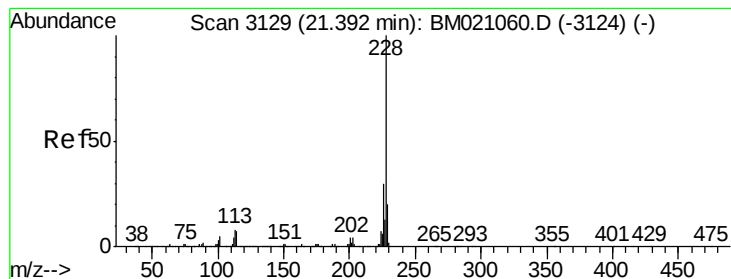


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 19.737 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

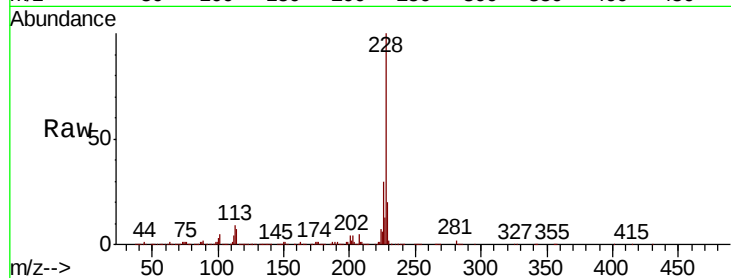
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1945874

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.7	15.6	23.4

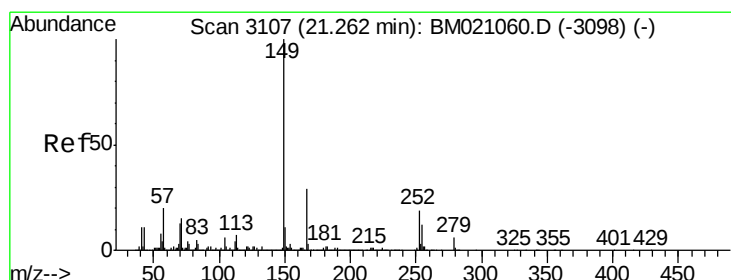
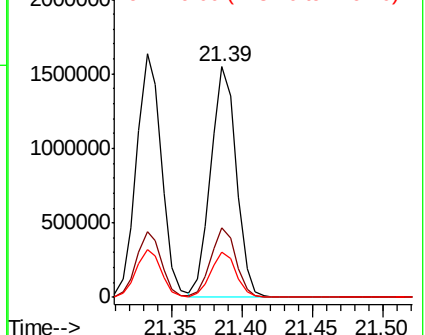
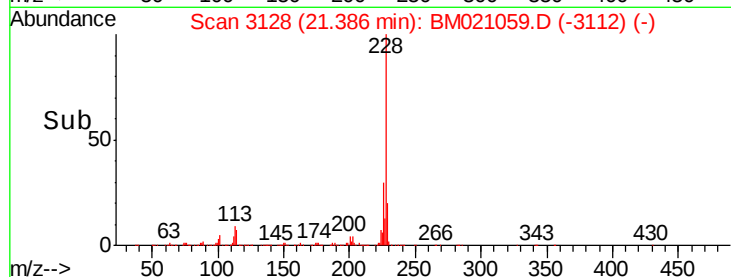


Abundance

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: 16.470 ng

RT: 21.26 min Scan# 3107

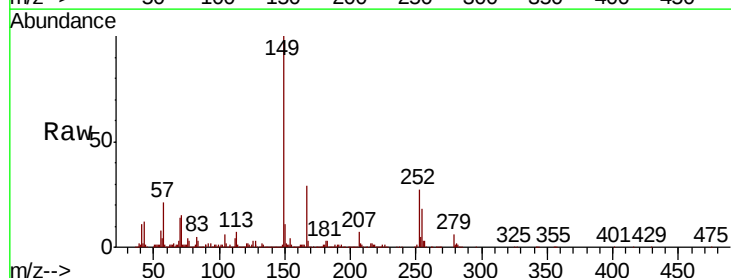
Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:149 Resp: 1156151

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.4
279	5.6	4.6	7.0

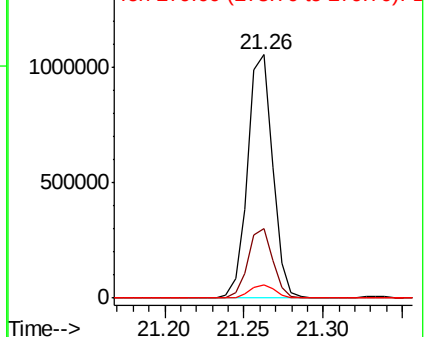
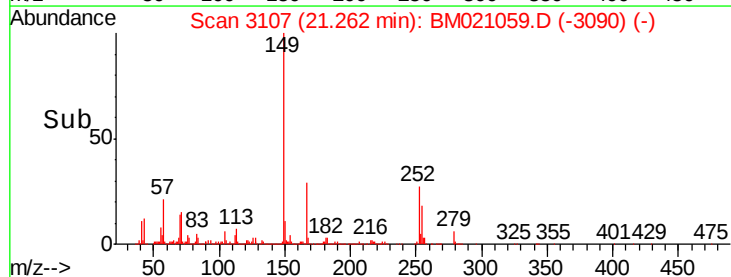


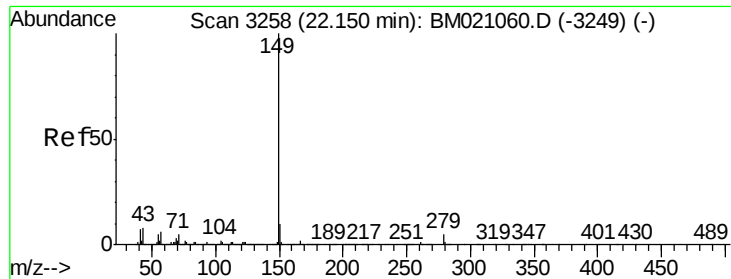
Abundance

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: 16.603 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

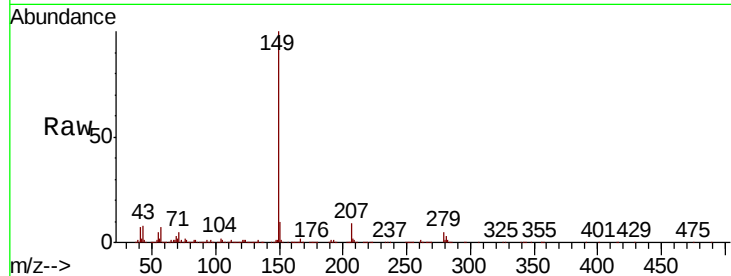
Tot Ion:149 Resp: 1850382

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

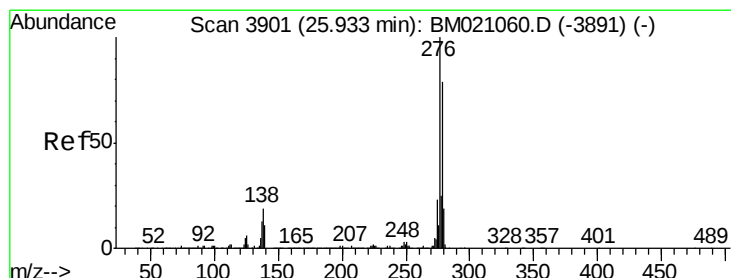
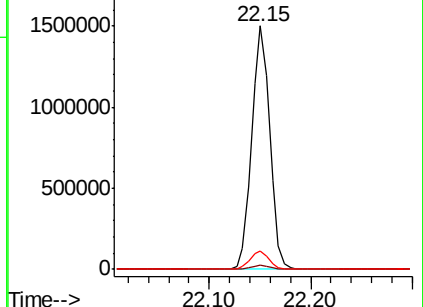
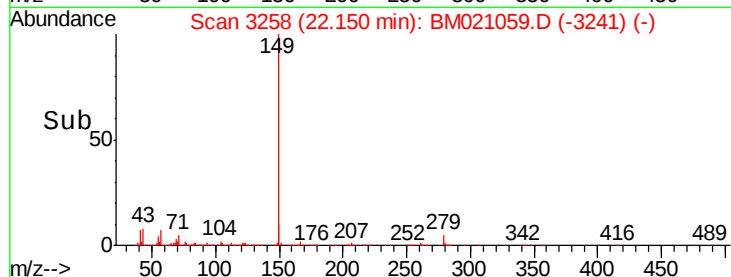
43 7.8 6.2 9.2



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 21.085 ng

RT: 25.93 min Scan# 3900

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

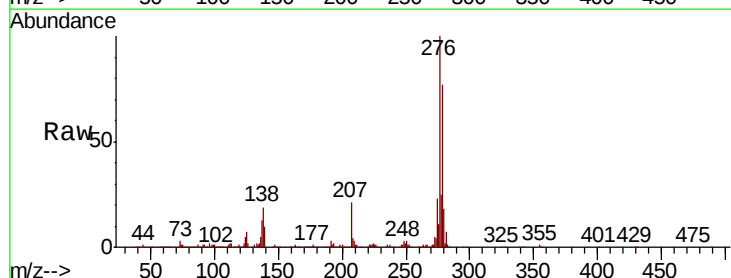
Tgt Ion:276 Resp: 2126733

Ion Ratio Lower Upper

276 100

138 19.5 15.4 23.0

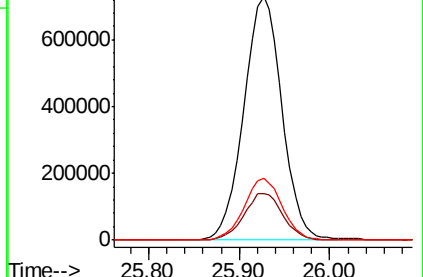
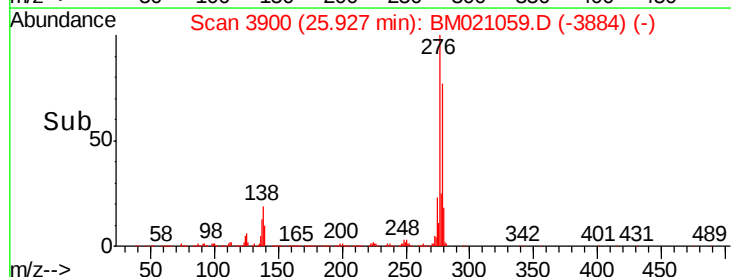
277 25.3 20.4 30.6

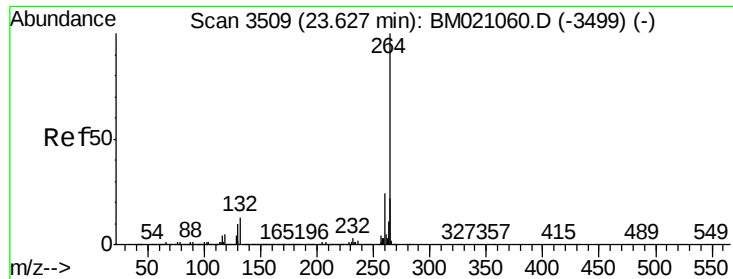


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



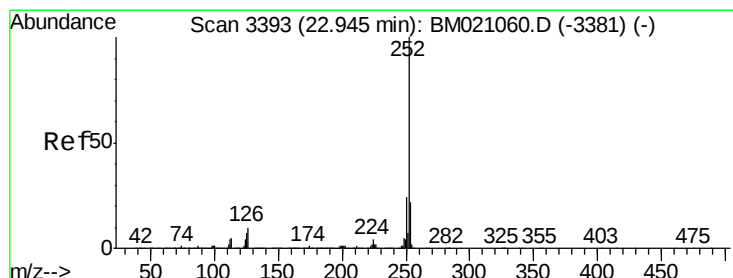
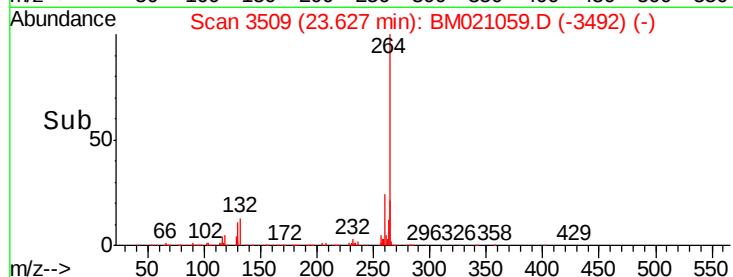
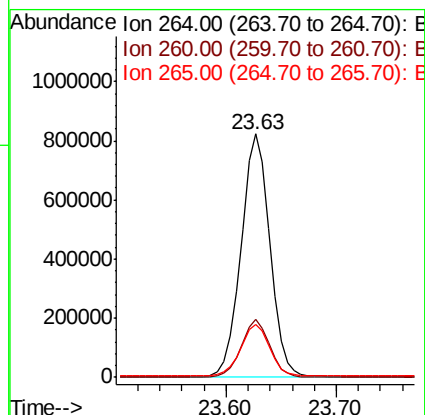
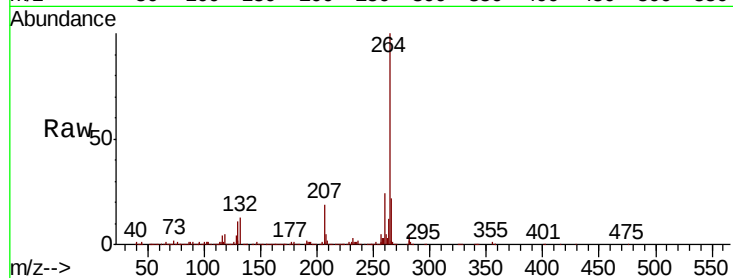


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampled :

Tot Ion:264 Resp: 1515851

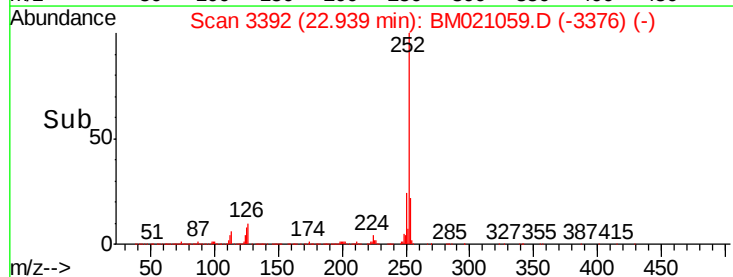
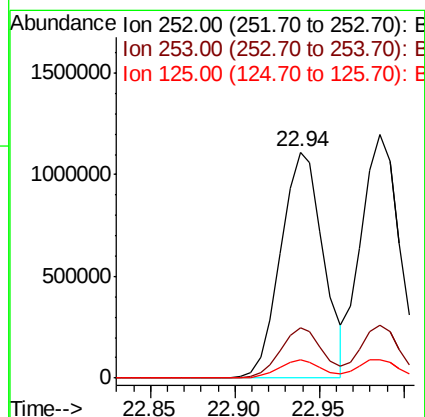
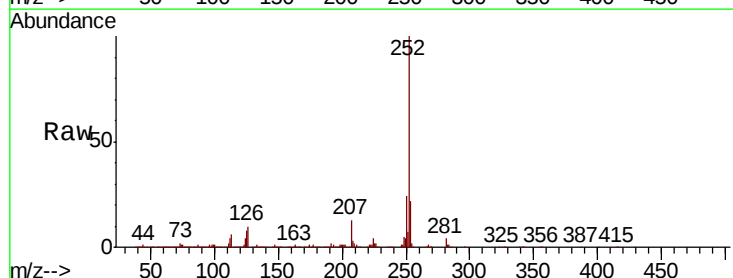
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.9	17.7	26.5

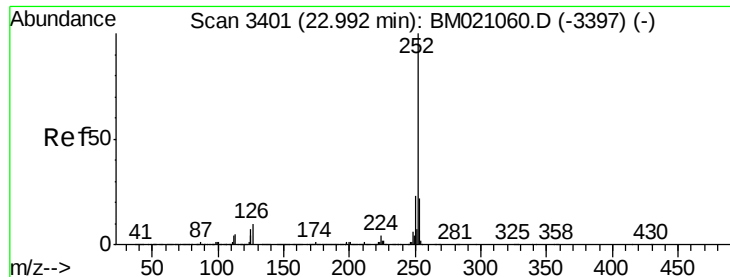


#88
Benzo(b)fluoranthene
Concen: 19.414 ng
RT: 22.94 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion:252 Resp: 1945077

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	7.8	5.9	8.9

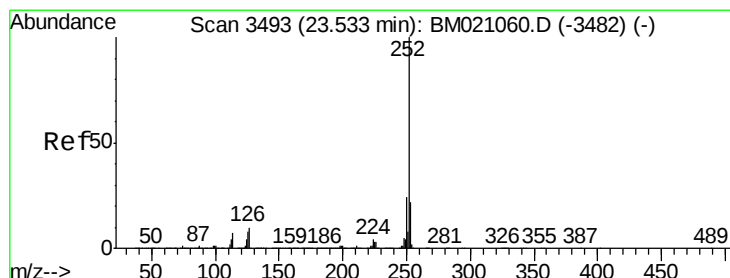
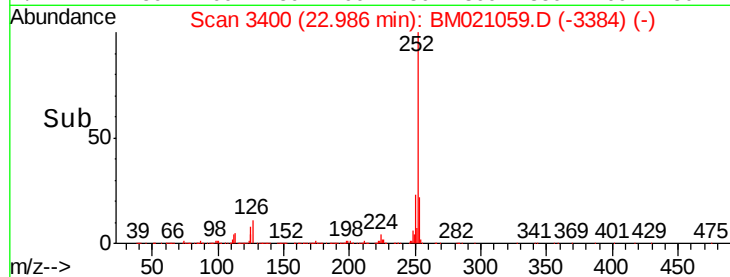
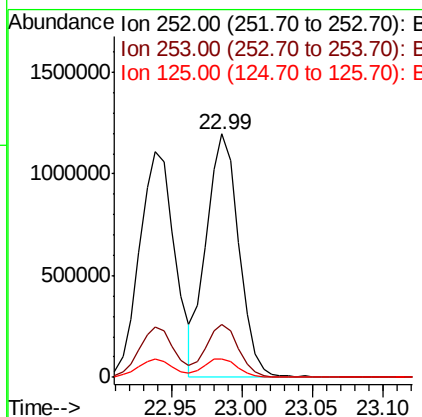
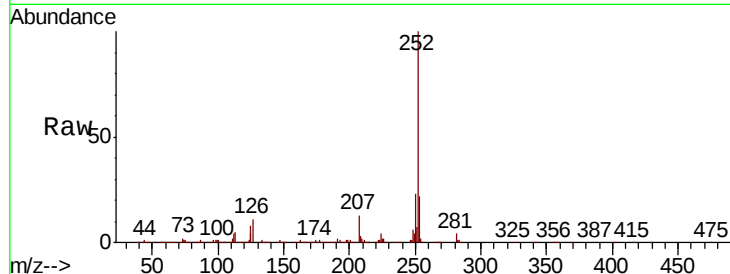




#89
Benzo(k)fluoranthene
Concen: 19.468 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

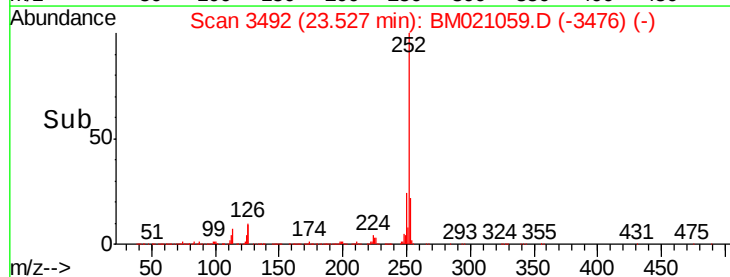
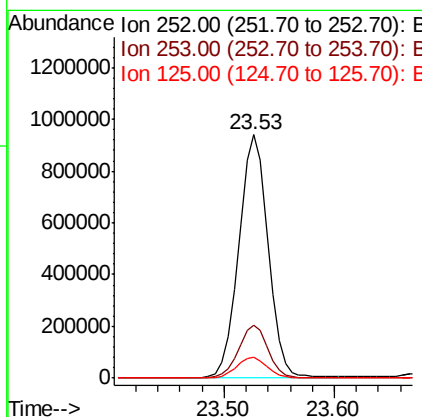
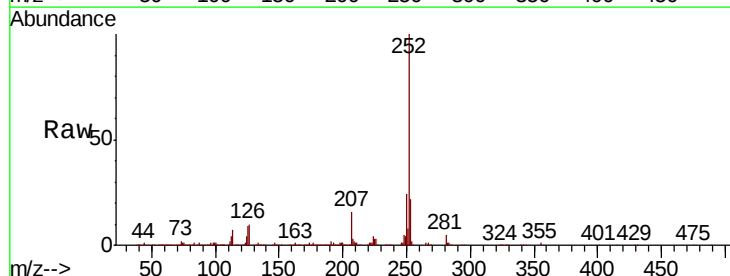
Instrument :
BNA_M
ClientSampleId :

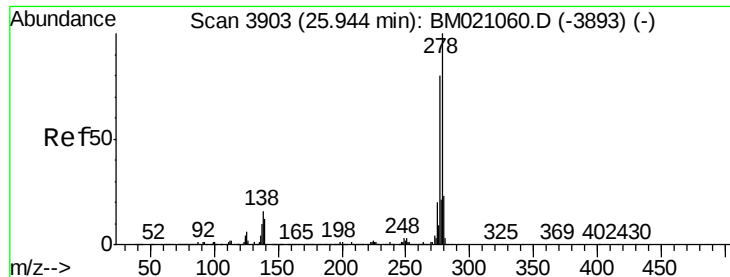
Tot Ion:252 Resp: 1906109
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.7 5.9 8.9



#90
Benzo(a)pyrene
Concen: 19.311 ng
RT: 23.53 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion:252 Resp: 1754904
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.8 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 20.043 ng

RT: 25.94 min Scan# 3902

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

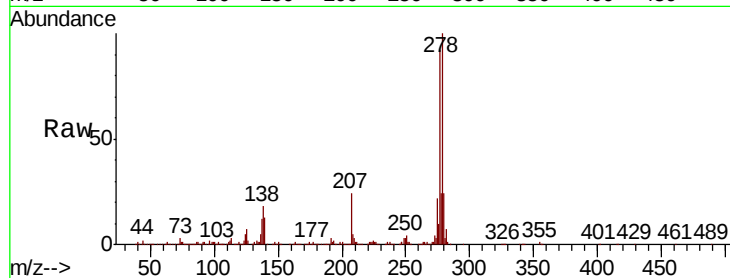
Tot Ion:278 Resp: 1767086

Ion Ratio Lower Upper

278 100

139 12.7 9.8 14.8

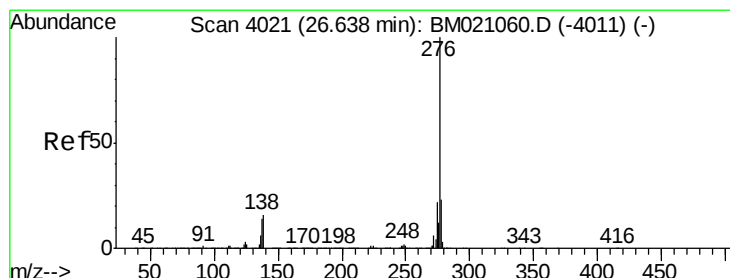
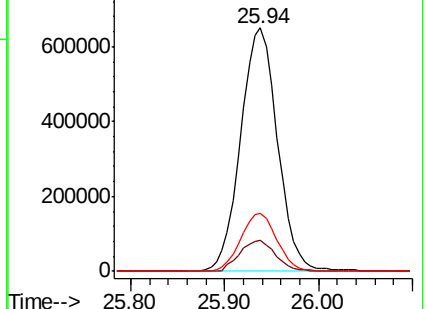
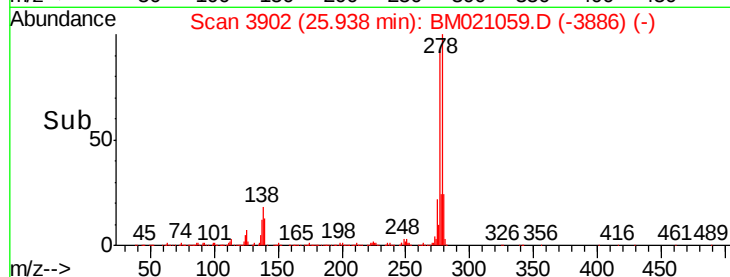
279 24.1 18.7 28.1



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: 20.119 ng

RT: 26.63 min Scan# 4020

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

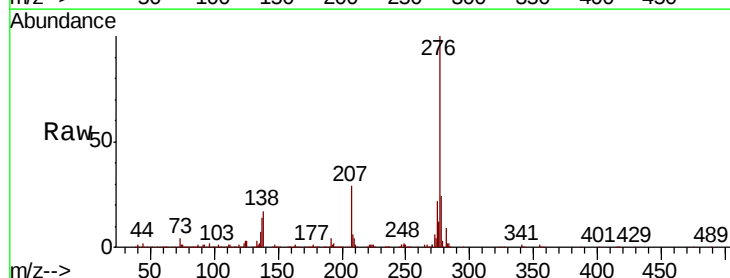
Tgt Ion:276 Resp: 1647575

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 17.3 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

