

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020096.D
 Acq On : 01 May 2019 18:40
 Operator : JU/SJ
 Sample : IDOCSOIL-HP2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 01:30:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	104442	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	388832	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	225897	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	516315	20.00	ng	0.00
76) Chrysene-d12	21.36	240	516908	20.00	ng	0.00
87) Perylene-d12	23.64	264	507285	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	866351	135.59	ng	0.00
7) Phenol-d6	6.95	99	1158794	132.75	ng	0.00
23) Nitrobenzene-d5	8.95	82	741342	75.27	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	467603	133.36	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1419202	77.30	ng	0.00
79) Terphenyl-d14	19.80	244	2293905	77.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	113691	36.280	ng	100
3) Pyridine	3.70	79	305857	38.163	ng	96
4) n-Nitrosodimethylamine	3.62	42	98410	38.292	ng	92
6) Aniline	7.12	93	321413	29.251	ng	98
8) 2-Chlorophenol	7.35	128	261853	37.638	ng	96
9) Benzaldehyde	6.94	77	212599	32.179	ng	97
10) Phenol	6.97	94	363655	38.699	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	258249	37.811	ng	97
12) 1,3-Dichlorobenzene	7.67	146	302027	37.312	ng	98
13) 1,4-Dichlorobenzene	7.83	146	310955	38.027	ng	96
14) 1,2-Dichlorobenzene	8.14	146	291790	37.454	ng	98
15) Benzyl Alcohol	8.03	79	306689	36.437	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.32	45	208037	36.734	ng	98
17) 2-Methylphenol	8.22	107	236516	39.099	ng	97
18) Hexachloroethane	8.86	117	126024	36.962	ng	100
19) n-Nitroso-di-n-propylamine	8.60	70	264035	35.355	ng	98
20) 3+4-Methylphenols	8.55	107	305042	37.942	ng	97
22) Acetophenone	8.62	105	431212	40.578	ng	# 97
24) Nitrobenzene	9.00	77	394021	38.586	ng	98
25) Isophorone	9.52	82	641991	37.800	ng	99
26) 2-Nitrophenol	9.70	139	126077	40.896	ng	95
27) 2,4-Dimethylphenol	9.75	122	234394	45.668	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	353020	38.164	ng	99
29) 2,4-Dichlorophenol	10.23	162	261107	40.344	ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	317647	39.888	ng	98
31) Naphthalene	10.63	128	782519	38.781	ng	99
32) Benzoic acid	9.86	122	125924	36.344	ng	92
33) 4-Chloroaniline	10.75	127	171352	20.632	ng	99
34) Hexachlorobutadiene	10.90	225	218276	38.747	ng	99
35) Caprolactam	11.53	113	65781	33.992	ng	95
36) 4-Chloro-3-methylphenol	11.86	107	281276	36.983	ng	99
37) 2-Methylnaphthalene	12.25	142	578494	39.326	ng	99
38) 1-Methylnaphthalene	12.47	142	548865	38.156	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	371902	42.080	ng	99

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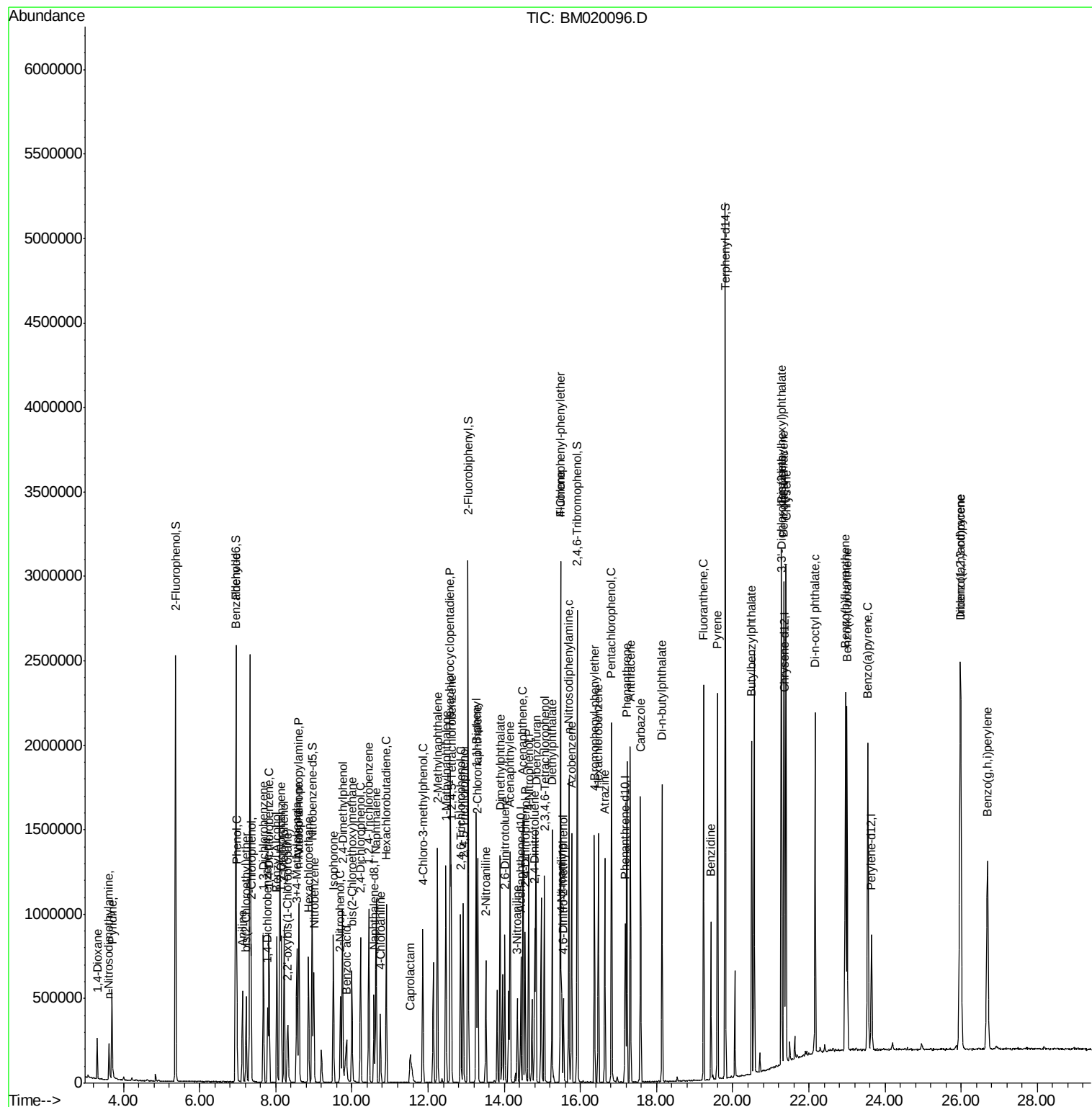
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	490065	94.174	ng	100
43) 2,4,6-Trichlorophenol	12.85	196	218741	43.549	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	235550	41.978	ng	96
46) 1,1'-Biphenyl	13.26	154	751021	40.392	ng	100
47) 2-Chloronaphthalene	13.30	162	596506	40.181	ng	100
48) 2-Nitroaniline	13.52	65	204035	38.605	ng	96
49) Acenaphthylene	14.15	152	907471	38.196	ng	100
50) Dimethylphthalate	13.89	163	738816	38.481	ng	98
51) 2,6-Dinitrotoluene	14.02	165	155272	38.397	ng	100
52) Acenaphthene	14.50	154	529972	38.899	ng	98
53) 3-Nitroaniline	14.35	138	92049	24.526	ng	96
54) 2,4-Dinitrophenol	14.55	184	164880	81.252	ng	93
55) Dibenzofuran	14.83	168	901451	39.225	ng	99
56) 4-Nitrophenol	14.64	139	249974	78.063	ng	100
57) 2,4-Dinitrotoluene	14.80	165	211222	38.440	ng	99
58) Fluorene	15.48	166	713067	37.780	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	219030	41.076	ng	98
60) Diethylphthalate	15.26	149	719774	37.211	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	411340	38.465	ng	96
62) 4-Nitroaniline	15.51	138	141008	34.044	ng	96
63) Azobenzene	15.77	77	845207	37.039	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	99134	39.538	ng	98
66) n-Nitrosodiphenylamine	15.69	169	621401	40.901	ng	97
67) 4-Bromophenyl-phenylether	16.37	248	251206	39.676	ng	99
68) Hexachlorobenzene	16.47	284	292515	40.149	ng	97
69) Atrazine	16.64	200	230618	38.842	ng	97
70) Pentachlorophenol	16.82	266	351024	84.206	ng	97
71) Phenanthrene	17.22	178	1110624	38.968	ng	98
72) Anthracene	17.31	178	1129468	39.636	ng	99
73) Carbazole	17.58	167	967311	37.621	ng	99
74) Di-n-butylphthalate	18.14	149	1162347	37.564	ng	98
75) Fluoranthene	19.23	202	1339251	37.138	ng	100
77) Benzidine	19.43	184	447905	27.103	ng	99
78) Pyrene	19.60	202	1371966	39.533	ng	100
80) Butylbenzylphthalate	20.50	149	495392	39.253	ng	93
81) Benzo(a)anthracene	21.34	228	1364499	37.641	ng	100
82) 3,3'-Dichlorobenzidine	21.29	252	469081	33.904	ng	97
83) Chrysene	21.40	228	1345201	38.263	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	742416	37.910	ng	98
85) Di-n-octyl phthalate	22.16	149	1255252	38.565	ng	100
86) Indeno(1,2,3-cd)pyrene	25.98	276	1805650	43.179	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1514808	45.220	ng	99
89) Benzo(k)fluoranthene	23.00	252	1413781	46.267	ng	98
90) Benzo(a)pyrene	23.54	252	1424559	46.818	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1547764	48.913	ng	100
92) Benzo(g,h,i)perylene	26.69	276	1515212	50.436	ng	99

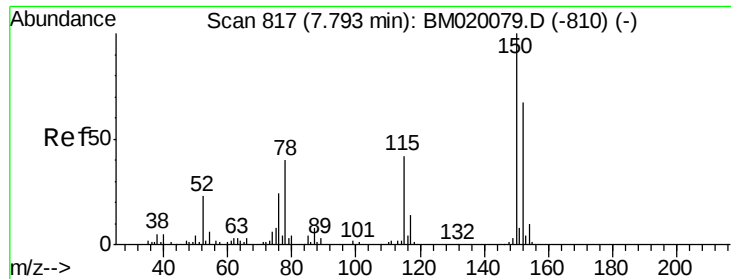
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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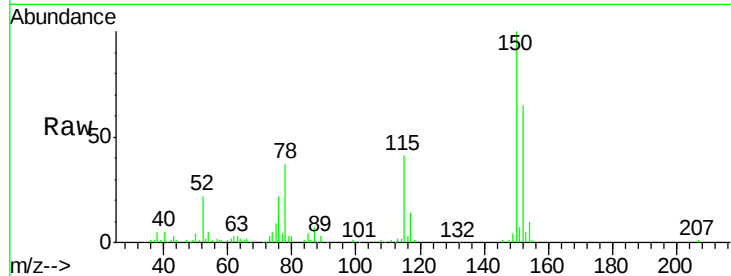


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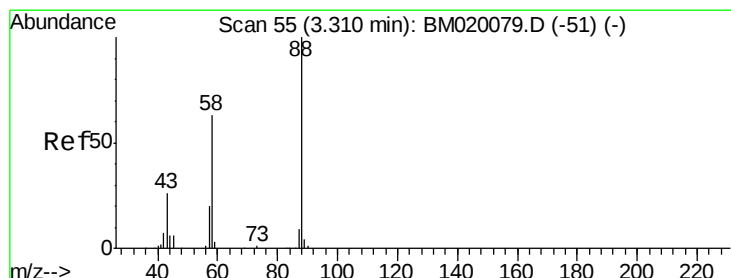
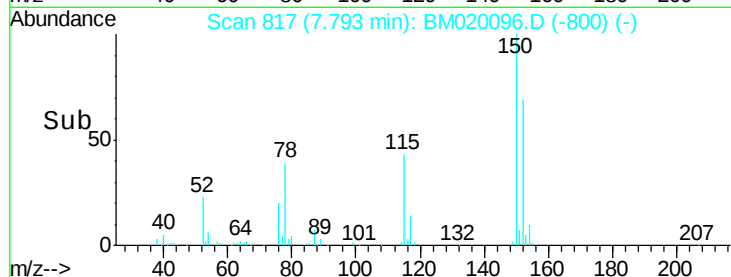
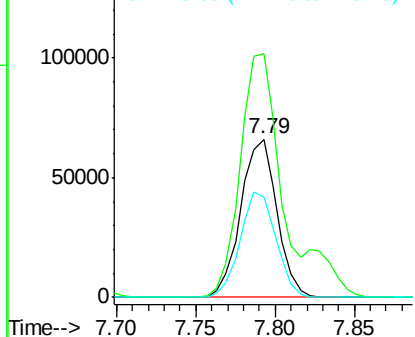
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 104442
Ion Ratio Lower Upper
152 100
150 154.0 119.8 179.8
115 63.2 50.8 76.2



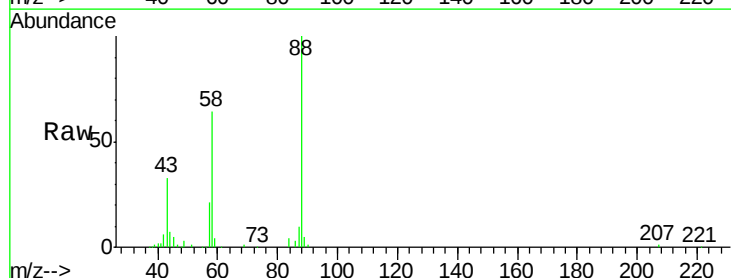
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



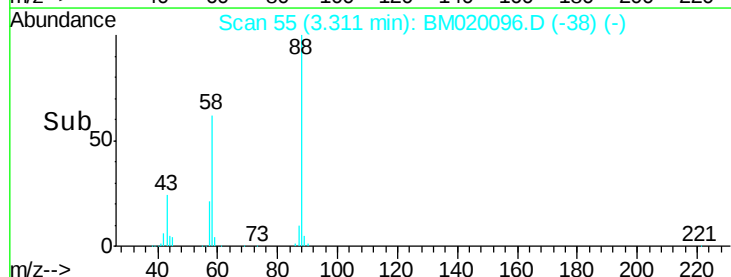
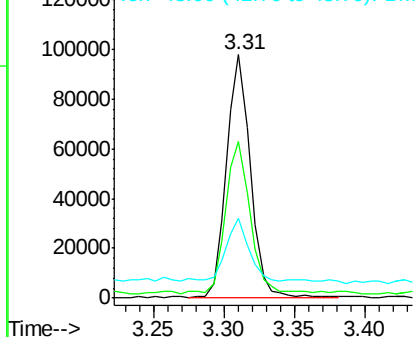
#2

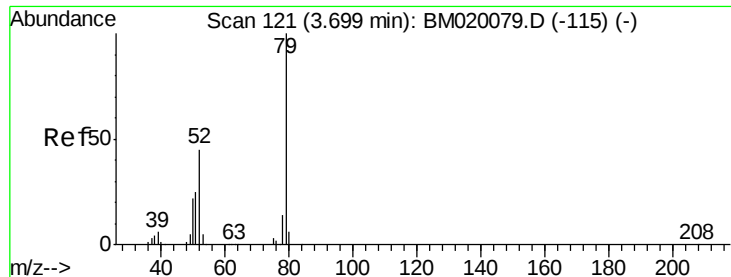
1,4-Dioxane
Concen: 36.280 ng
RT: 3.31 min Scan# 55
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion: 88 Resp: 113691
Ion Ratio Lower Upper
88 100
58 64.5 51.8 77.6
43 25.8 20.3 30.5



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





#3

Pvridine

Concen: 38.163 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampled :

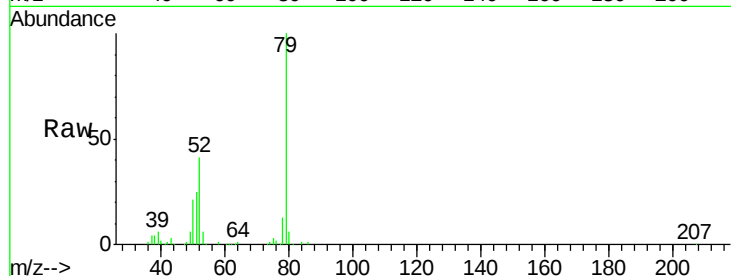
Tot Ion: 79 Resp: 305857

Ion Ratio Lower Upper

79 100

52 41.4 35.7 53.5

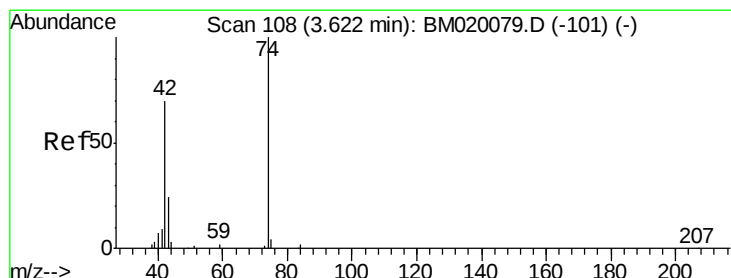
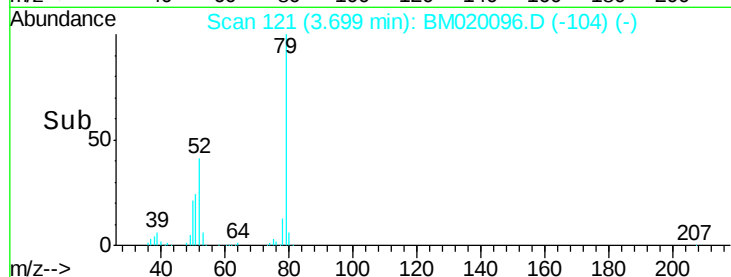
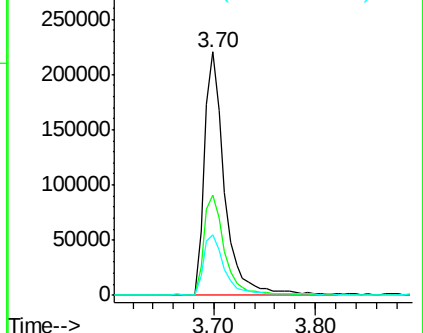
51 24.7 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020079.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 38.292 ng

RT: 3.62 min Scan# 108

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

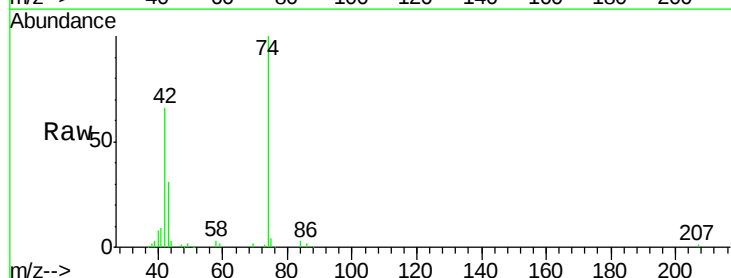
Tgt Ion: 42 Resp: 98410

Ion Ratio Lower Upper

42 100

74 152.1 113.7 170.5

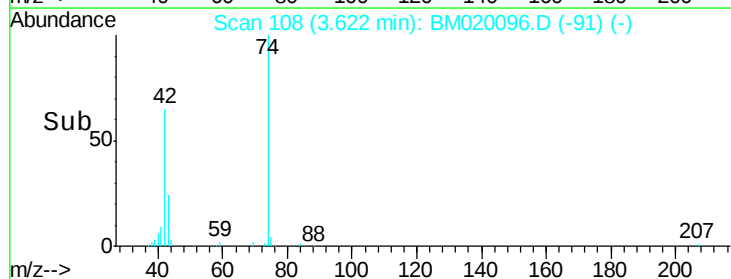
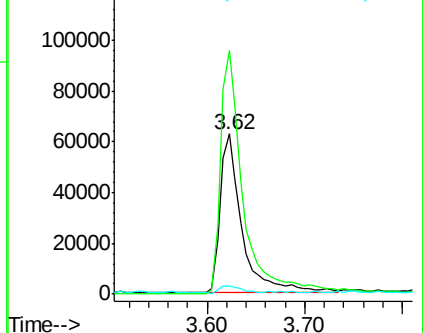
44 5.1 3.9 5.9

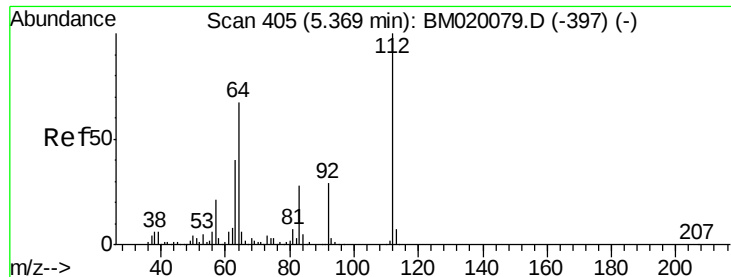


Abundance Ion 42.00 (41.70 to 42.70): BM020079.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020079.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020079.D (-101) (-)





#5

2-Fluorophenol

Concen: 135.590 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampleId :

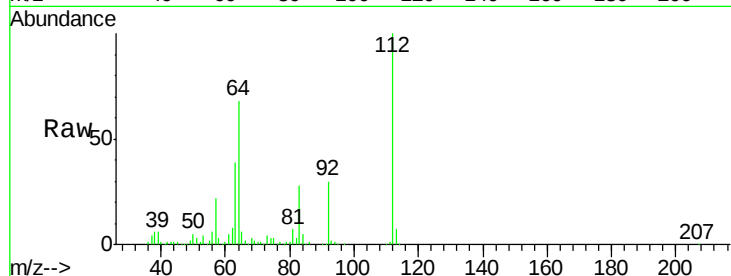
Tot Ion:112 Resp: 866351

Ion Ratio Lower Upper

112 100

64 67.9 53.8 80.6

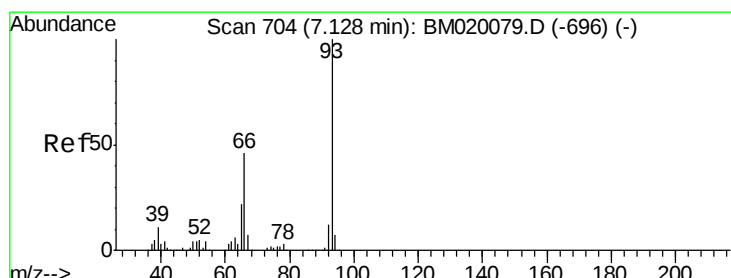
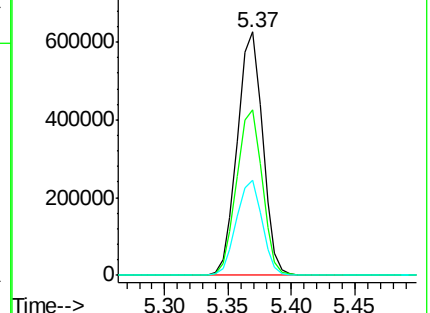
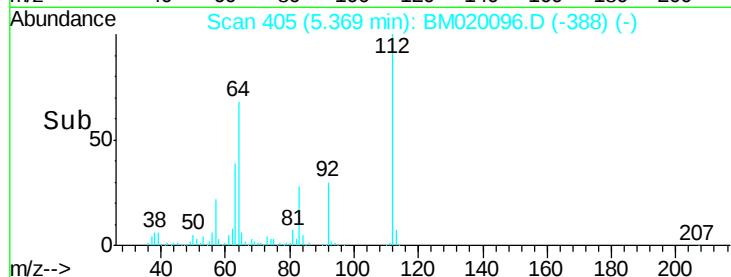
63 39.0 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 29.251 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

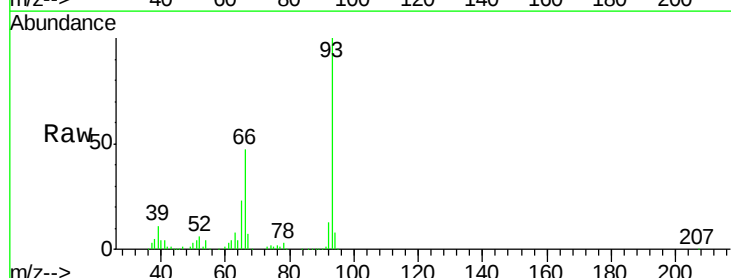
Tgt Ion: 93 Resp: 321413

Ion Ratio Lower Upper

93 100

66 47.1 36.6 54.8

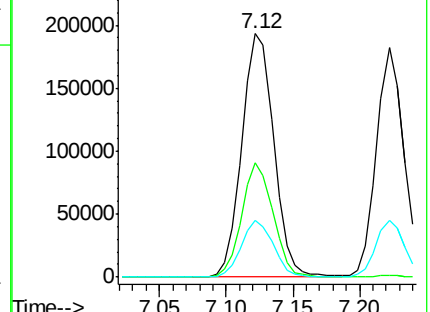
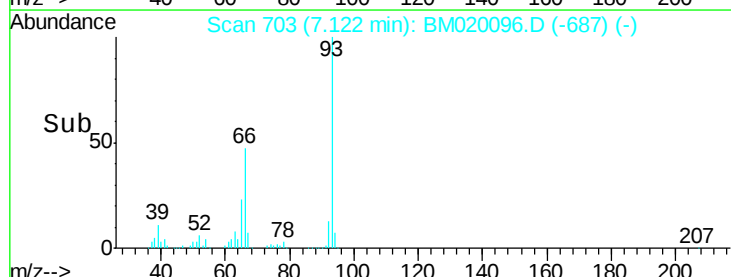
65 23.0 17.8 26.6

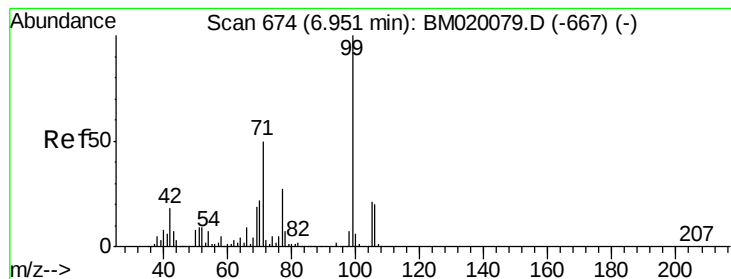


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 132.753 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020096.D

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ClientSampled :

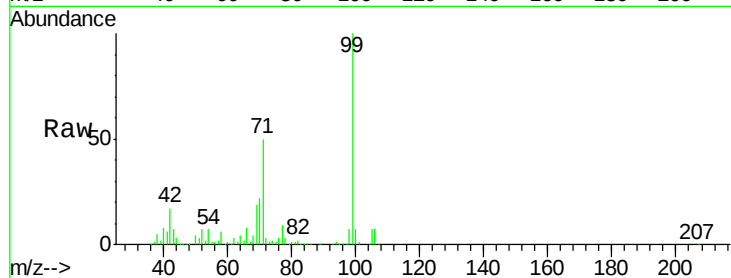
Tot Ion: 99 Resp: 1158794

Ion Ratio Lower Upper

99 100

42 17.0 14.2 21.2

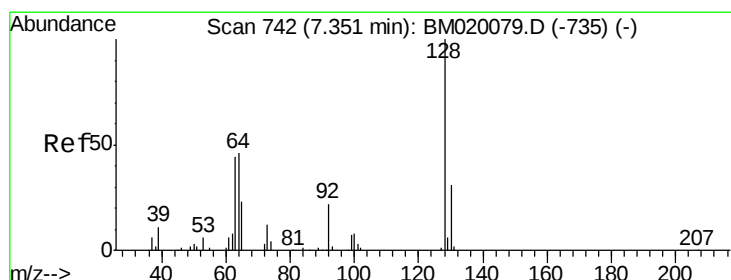
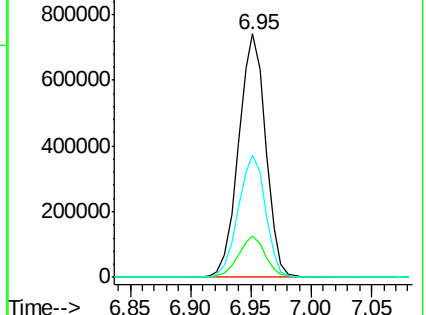
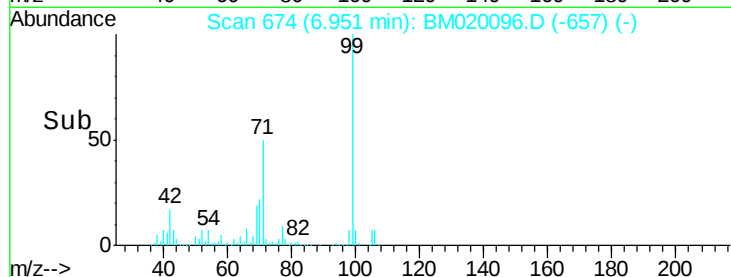
71 50.3 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#8

2-Chlorophenol

Concen: 37.638 ng

RT: 7.35 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

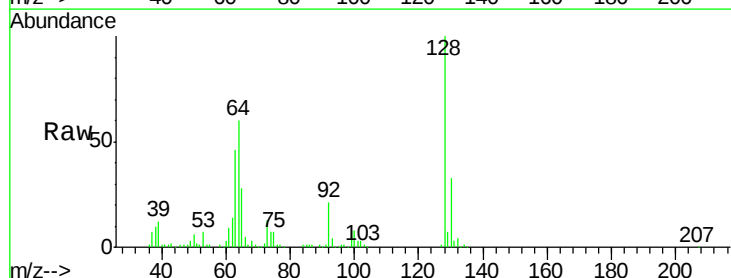
Tgt Ion: 128 Resp: 261853

Ion Ratio Lower Upper

128 100

130 33.0 10.8 50.8

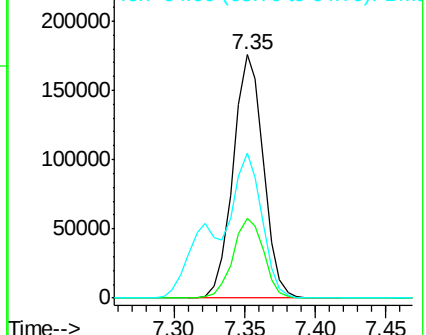
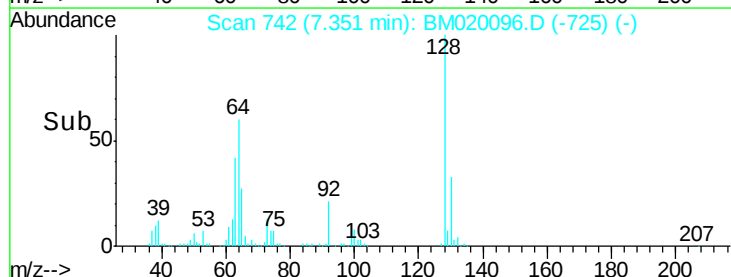
64 59.5 36.5 76.5

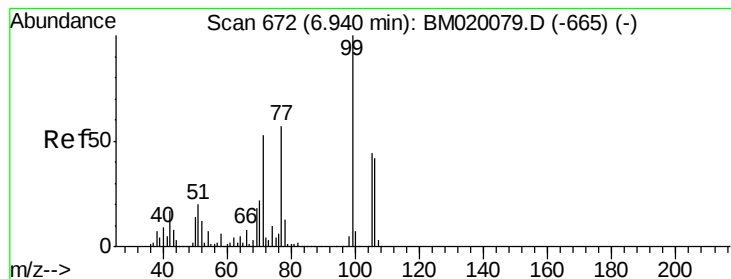


Abundance Ion 128.00 (127.70 to 128.70): BM020079.D (-735) (-)

Ion 130.00 (129.70 to 130.70): BM020079.D (-735) (-)

Ion 64.00 (63.70 to 64.70): BM020079.D (-735) (-)





#9

Benzaldehyde

Concen: 32.179 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020096.D

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Instrument :

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ClientSampled :

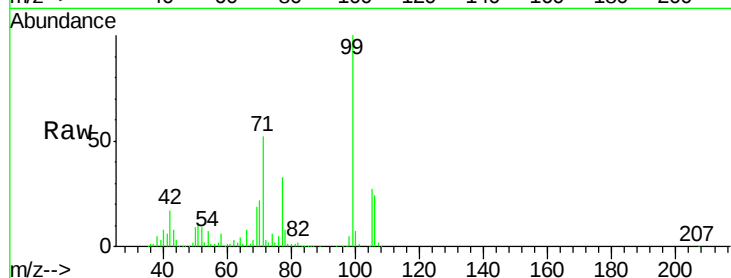
Tot Ion: 77 Resp: 212599

Ion Ratio Lower Upper

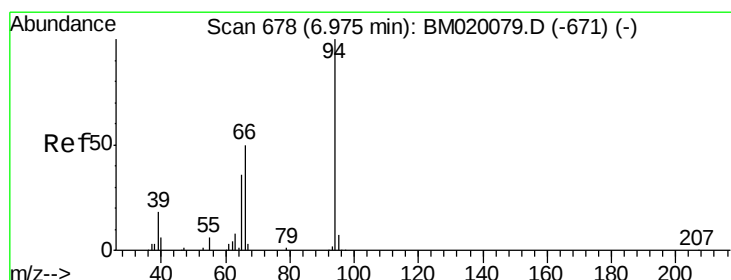
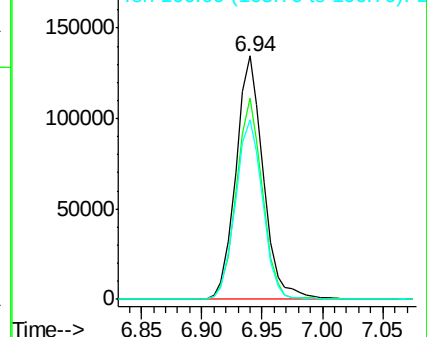
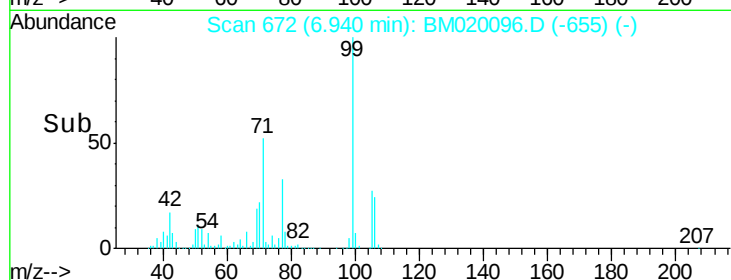
77 100

105 82.7 57.8 97.8

106 73.9 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020096.D (-655) (-)



#10

Phenol

Concen: 38.699 ng

RT: 6.97 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

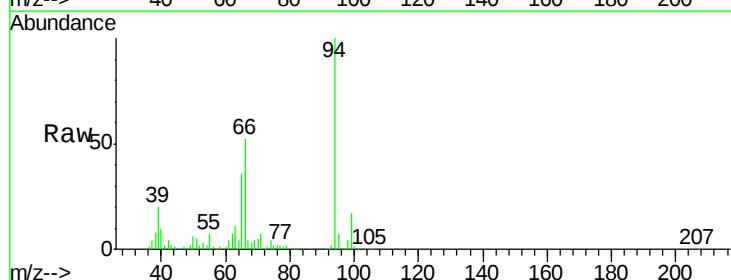
Tgt Ion: 94 Resp: 363655

Ion Ratio Lower Upper

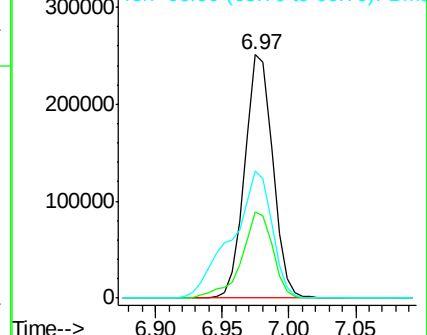
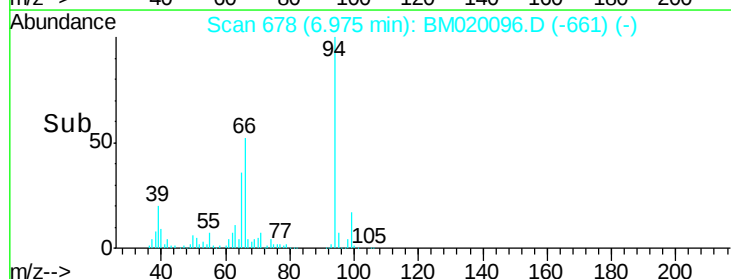
94 100

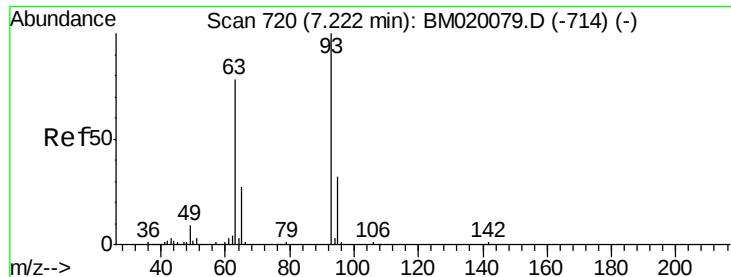
65 35.5 17.0 57.0

66 52.3 34.5 74.5



Abundance Ion 94.00 (93.70 to 94.70): BM020096.D (-661) (-)

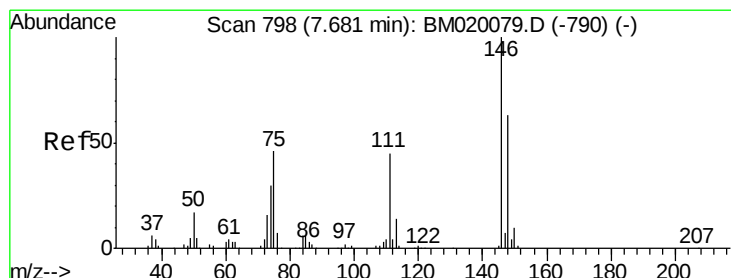
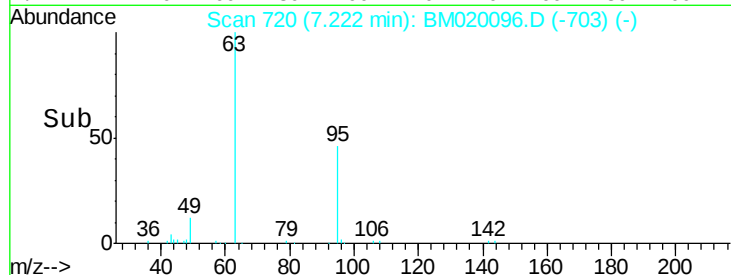
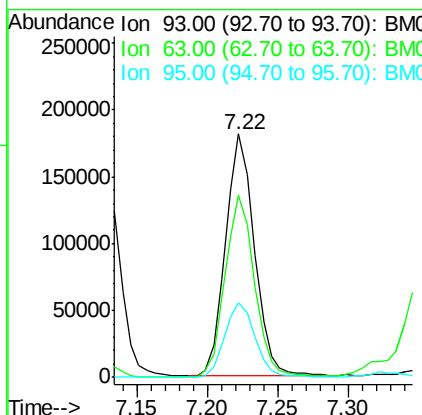
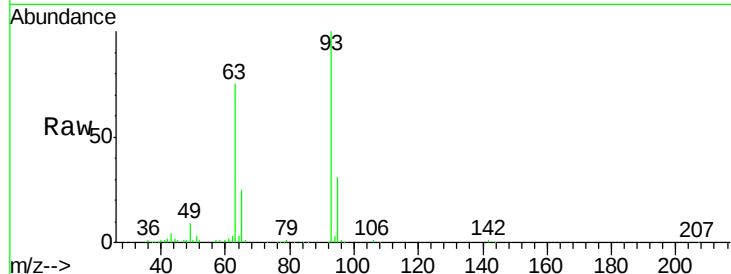




#11
 bis(2-Chloroethyl)ether
 Concen: 37.811 ng
 RT: 7.22 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

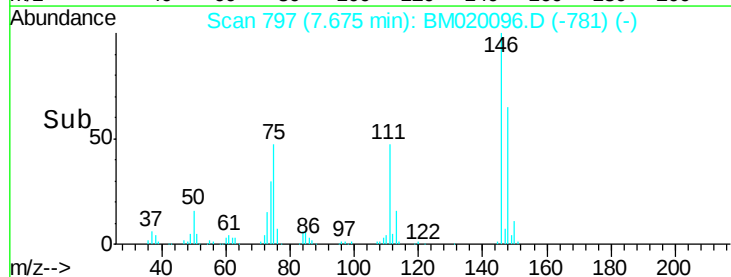
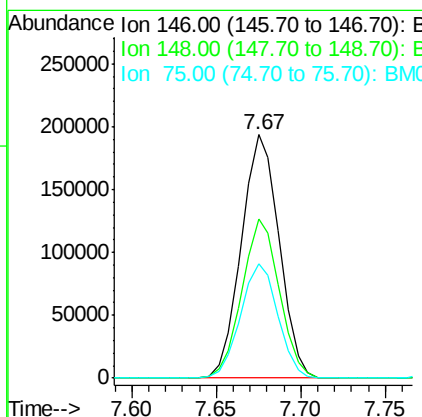
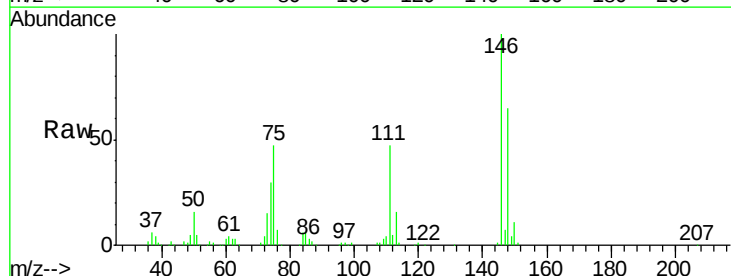
Instrument :
 BNA_M
 ClientSampled :

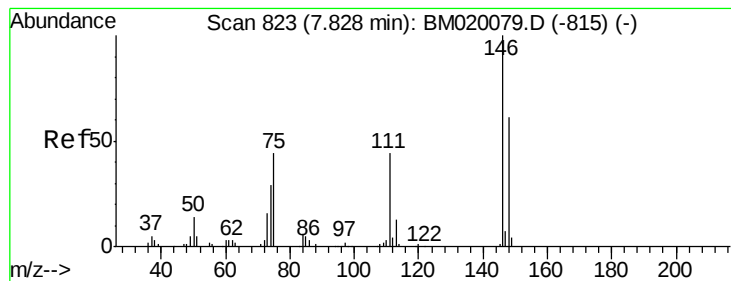
Tot Ion	93	Resp	258249
Ion Ratio	Lower	Upper	
93	100		
63	74.7	57.9	97.9
95	30.9	11.3	51.3



#12
 1,3-Dichlorobenzene
 Concen: 37.312 ng
 RT: 7.67 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	146	Resp	302027
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.1	75.1
75	46.9	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 38.027 ng

RT: 7.83 min Scan# 823

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampled :

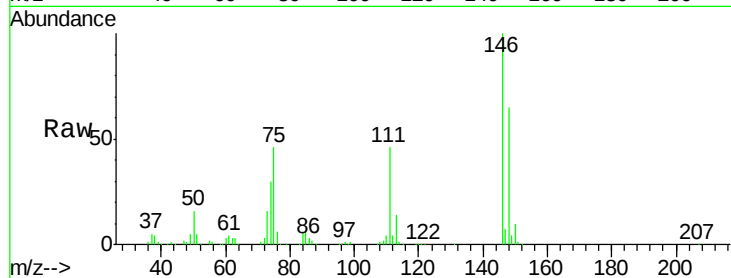
Tot Ion:146 Resp: 310955

Ion Ratio Lower Upper

146 100

148 64.6 48.5 72.7

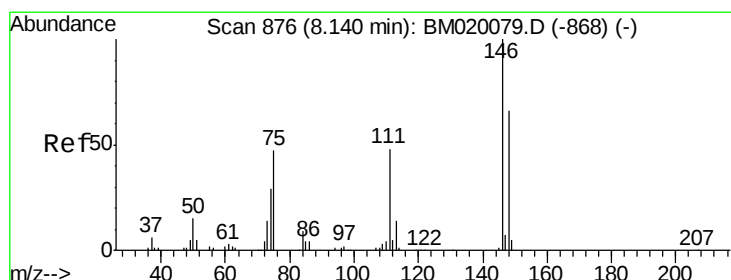
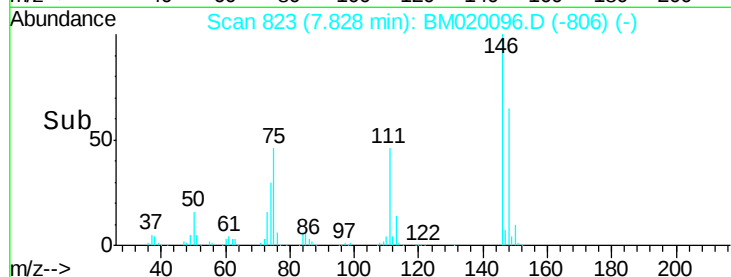
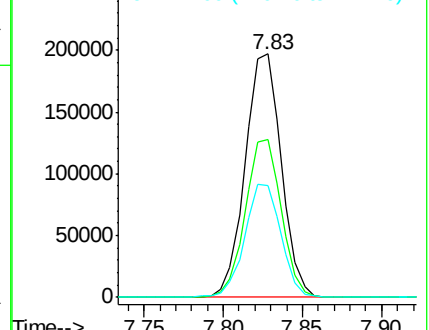
111 46.1 35.7 53.5



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: 37.454 ng

RT: 8.14 min Scan# 876

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

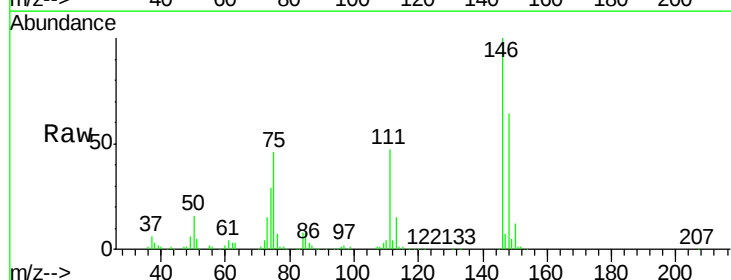
Tgt Ion:146 Resp: 291790

Ion Ratio Lower Upper

146 100

148 64.5 52.6 79.0

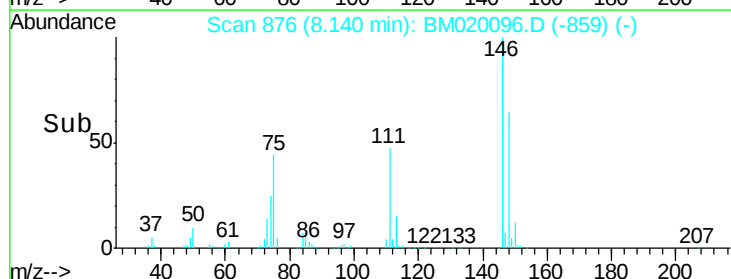
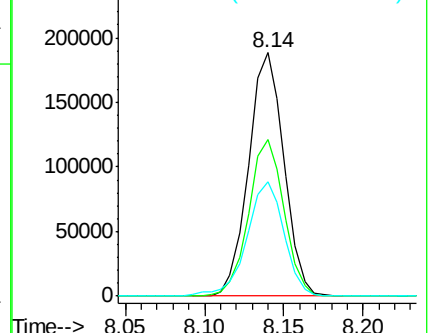
111 47.1 39.0 58.4

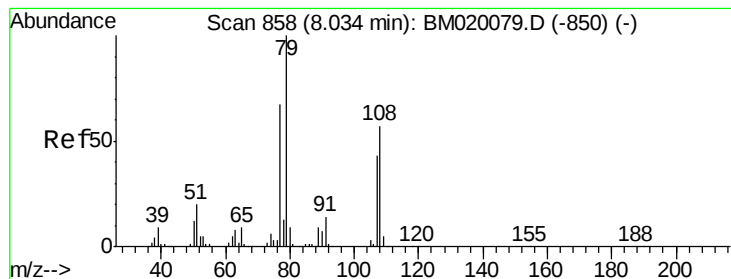


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.437 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampleId :

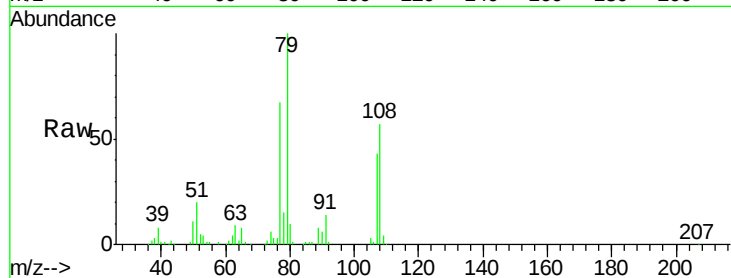
Tot Ion: 79 Resp: 306689

Ion Ratio Lower Upper

79 100

108 57.2 46.0 69.0

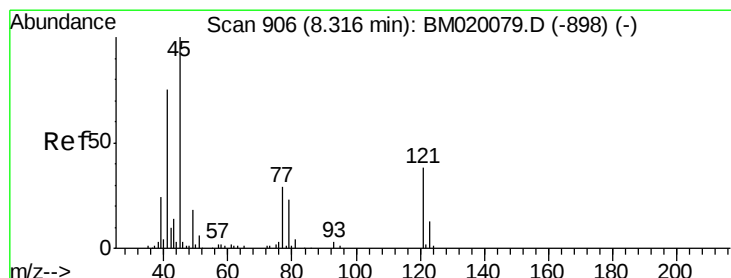
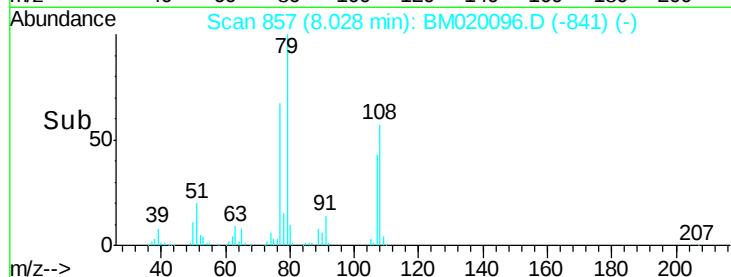
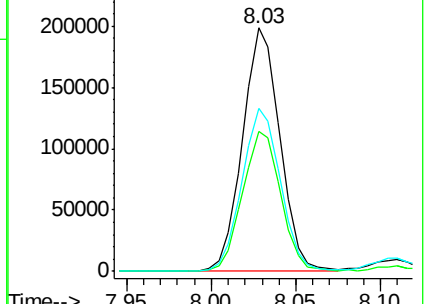
77 67.2 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-850) (-)

Ion 108.00 (107.70 to 108.70): BM020079.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-850) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.734 ng

RT: 8.32 min Scan# 906

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

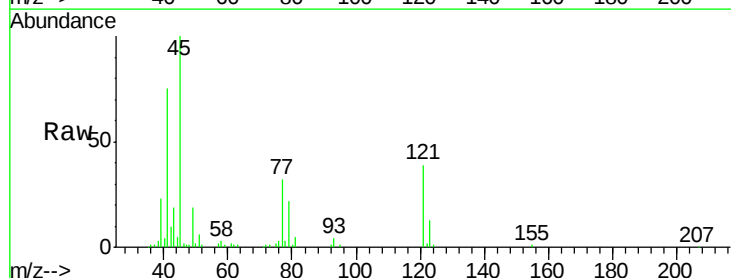
Tgt Ion: 45 Resp: 208037

Ion Ratio Lower Upper

45 100

77 31.7 10.5 50.5

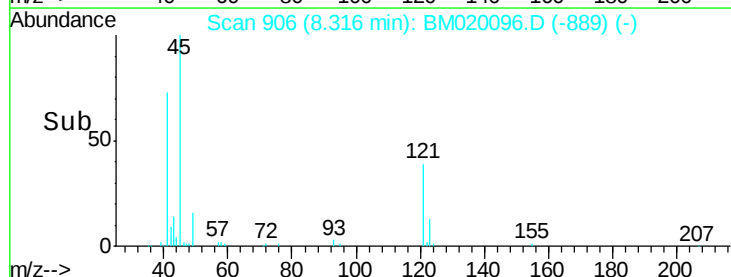
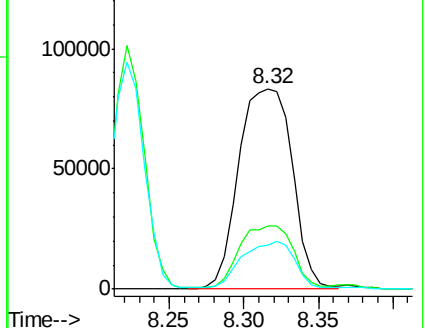
79 22.1 3.3 43.3

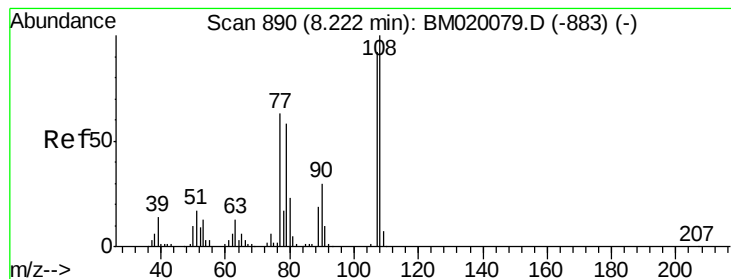


Abundance Ion 45.00 (44.70 to 45.70): BM020079.D (-898) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020079.D (-898) (-)





#17

2-Methylphenol

Concen: 39.099 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 236516

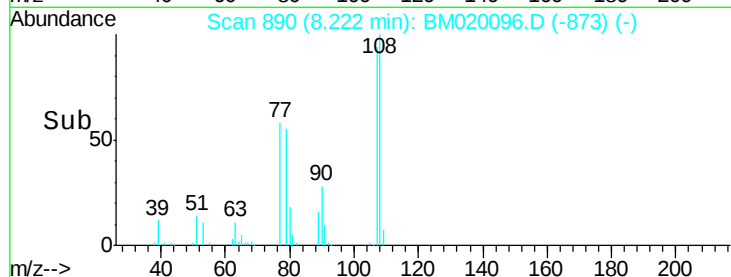
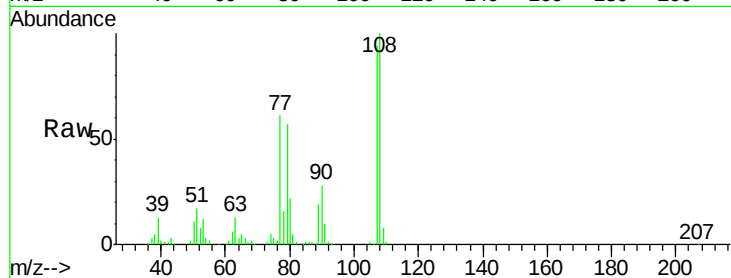
Ion Ratio Lower Upper

107 100

108 106.9 87.0 130.4

77 65.1 54.7 82.1

79 60.6 50.1 75.1



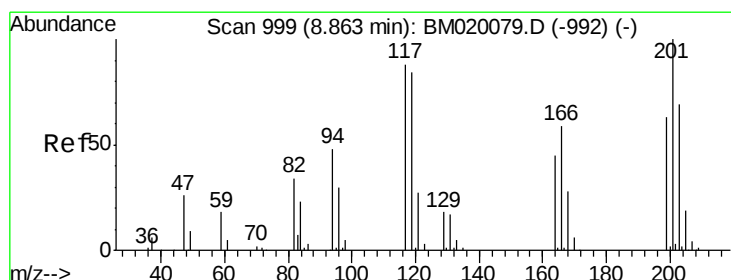
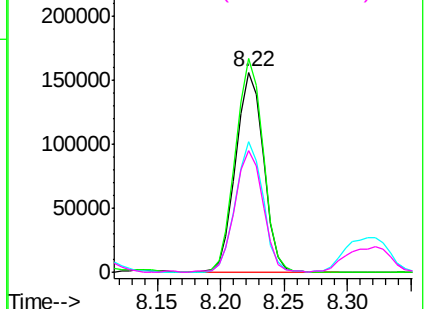
Abundance

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: 36.962 ng

RT: 8.86 min Scan# 999

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

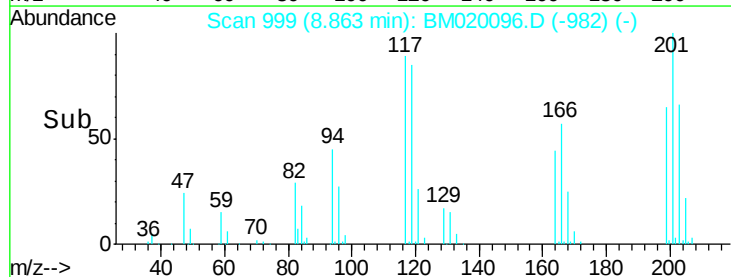
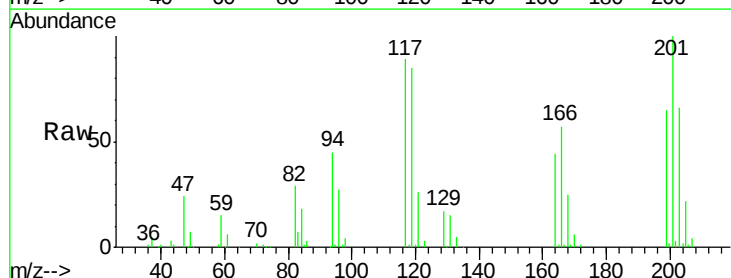
Tgt Ion:117 Resp: 126024

Ion Ratio Lower Upper

117 100

119 95.7 76.6 114.8

201 112.9 90.7 136.1

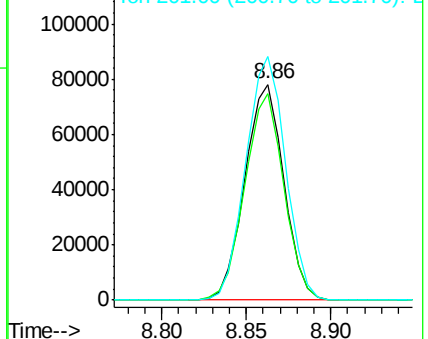


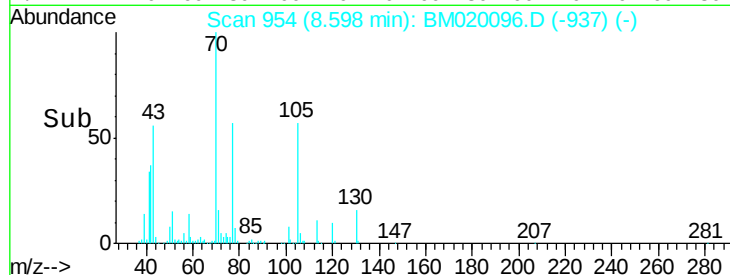
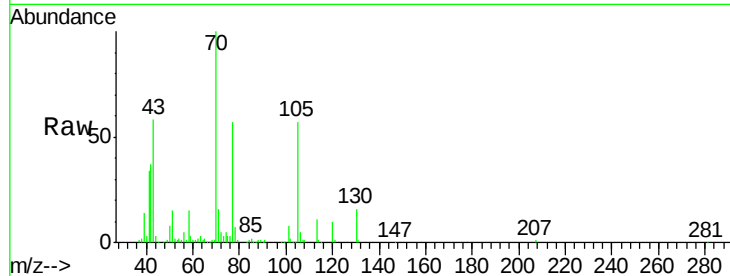
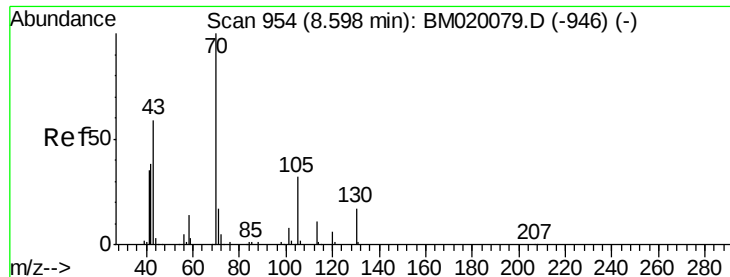
Abundance

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

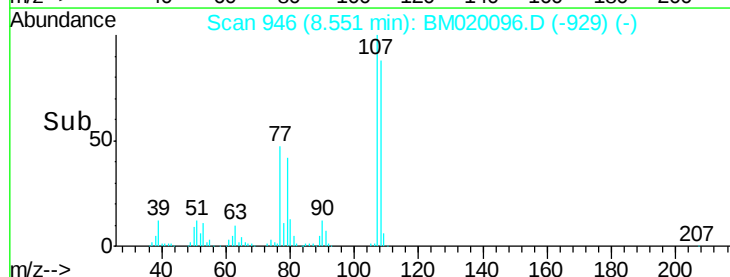
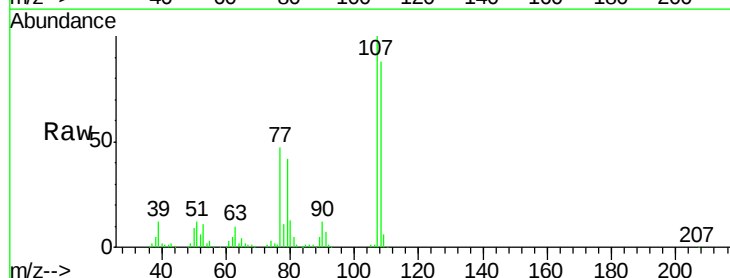
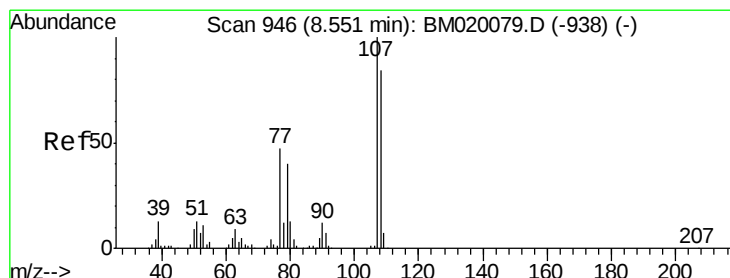
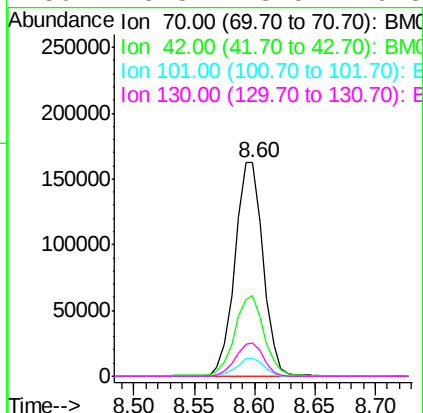




#19
n-Nitroso-di-n-propylamine
Concen: 35.355 ng
RT: 8.60 min Scan# 954
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

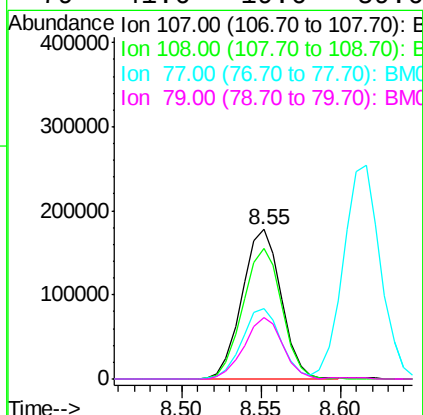
Instrument :
BNA_M
ClientSampled :

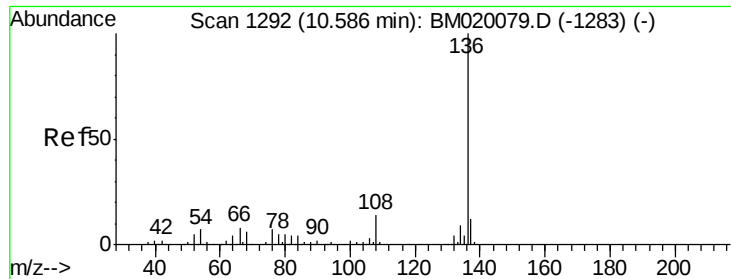
Tot Ion:	70	Resp:	264035
Ion	Ratio	Lower	Upper
70	100		
42	37.5	31.0	46.4
101	8.1	6.2	9.2
130	15.8	13.5	20.3



#20
3+4-Methylphenols
Concen: 37.942 ng
RT: 8.55 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion:	107	Resp:	305042
Ion	Ratio	Lower	Upper
107	100		
108	88.0	64.4	104.4
77	47.1	27.2	67.2
79	41.6	19.6	59.6

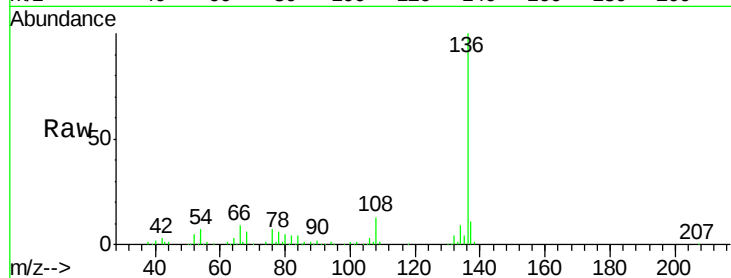




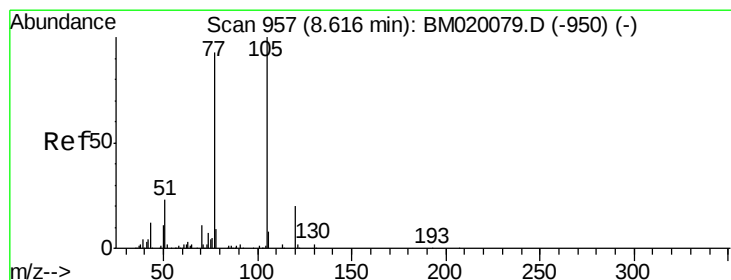
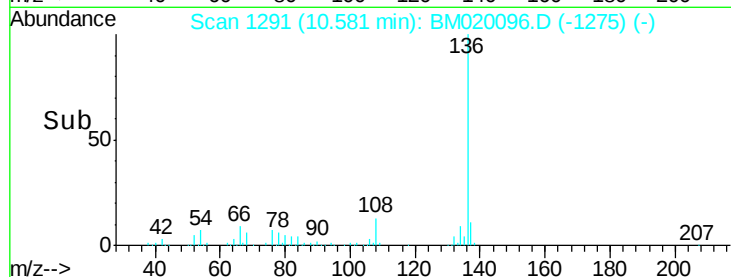
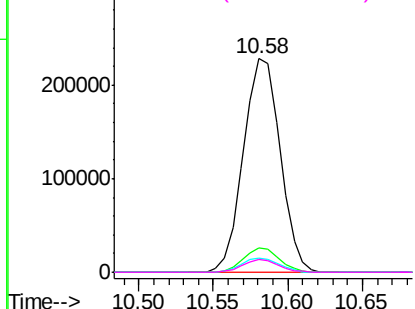
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	388832
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.6 14.4
54	6.8	5.5 8.3
68	6.0	4.6 6.8

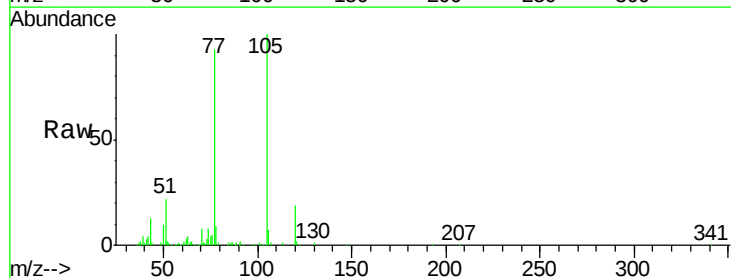


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

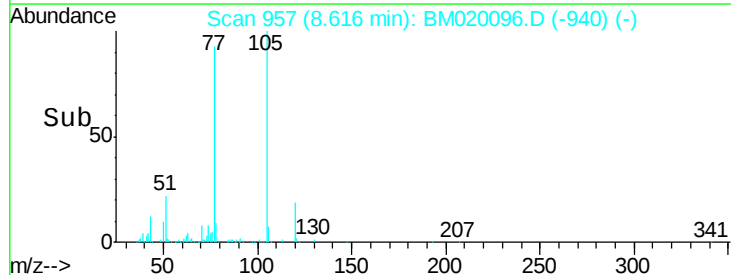
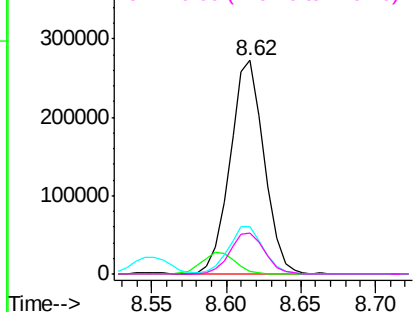


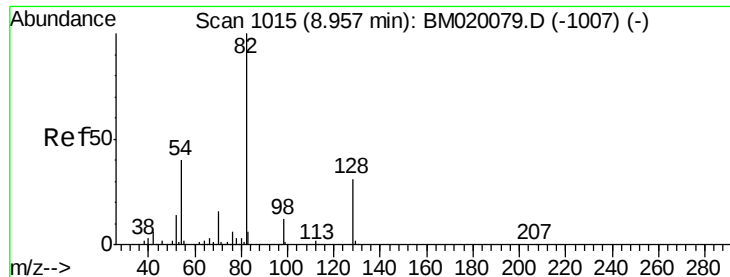
#22
Acetophenone
Concen: 40.578 ng
RT: 8.62 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion:105	Resp:	431212
Ion Ratio	Lower	Upper
105	100	
71	1.1	2.2 3.2#
51	22.1	19.3 28.9
120	19.2	16.2 24.4



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

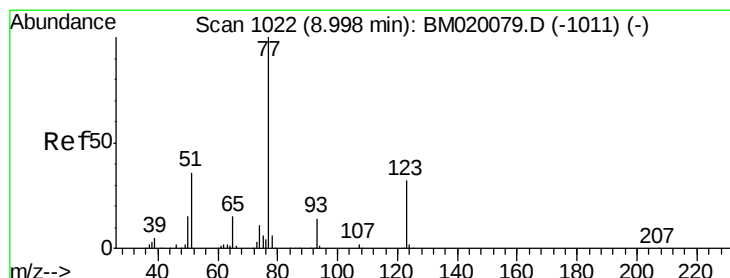
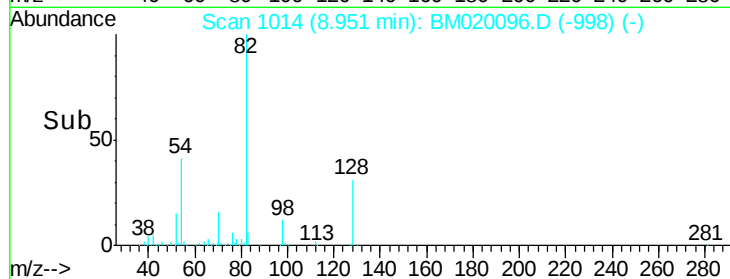
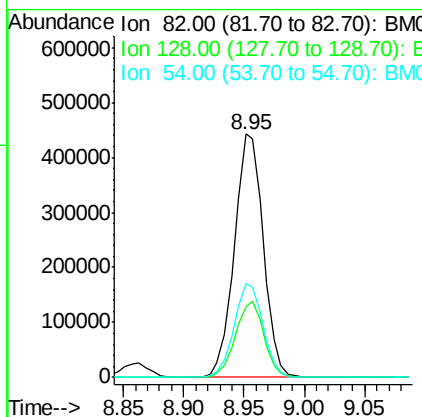
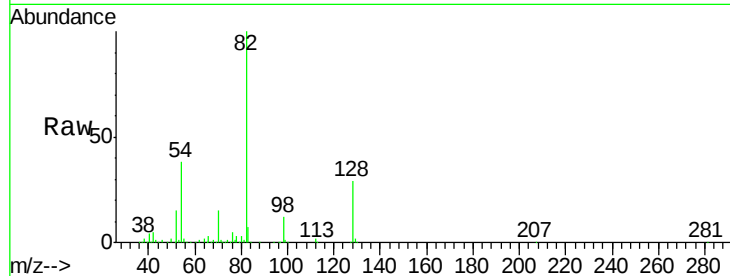




#23
 Nitrobenzene-d5
 Concen: 75.272 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

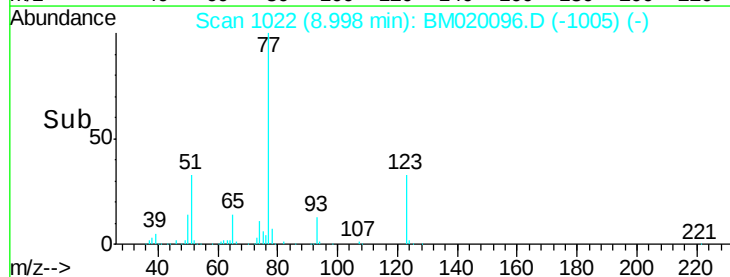
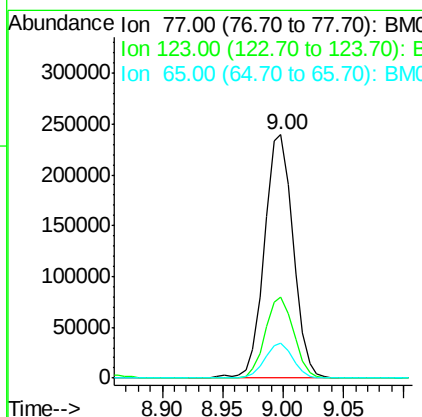
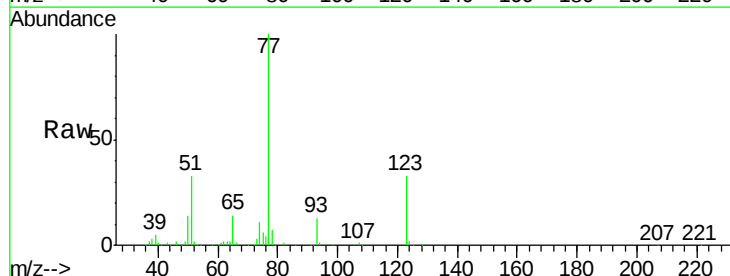
Instrument :
 BNA_M
 ClientSampled :

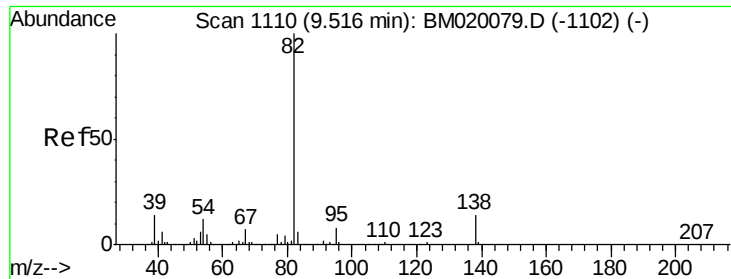
Tot Ion	82	Resp	741342
Ion Ratio	Lower	Upper	
82	100		
128	29.3	25.2	37.8
54	38.3	31.9	47.9



#24
 Nitrobenzene
 Concen: 38.586 ng
 RT: 9.00 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	77	Resp	394021
Ion Ratio	Lower	Upper	
77	100		
123	33.1	25.5	38.3
65	14.2	11.8	17.6





#25

Isophorone

Concen: 37.800 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampleId :

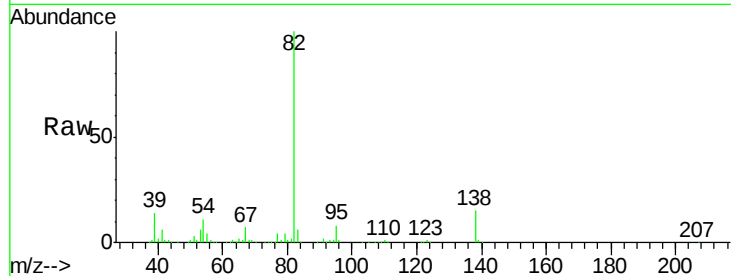
Tot Ion: 82 Resp: 641991

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

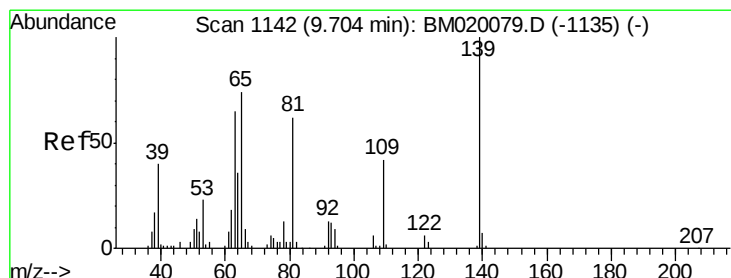
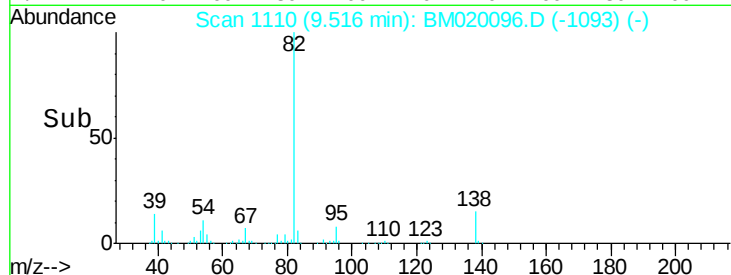
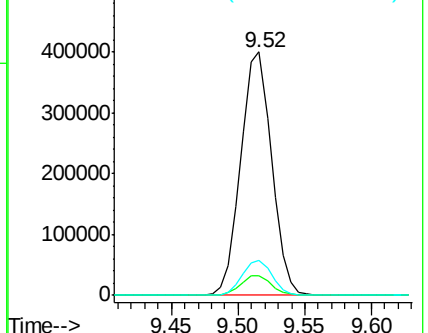
138 14.5 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020079.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020079.D (-1102) (-)



#26

2-Nitrophenol

Concen: 40.896 ng

RT: 9.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

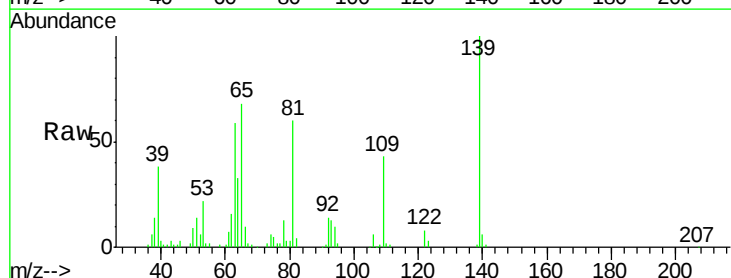
Tgt Ion: 139 Resp: 126077

Ion Ratio Lower Upper

139 100

109 42.6 33.7 50.5

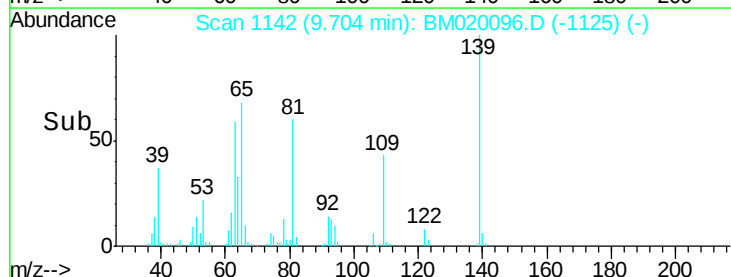
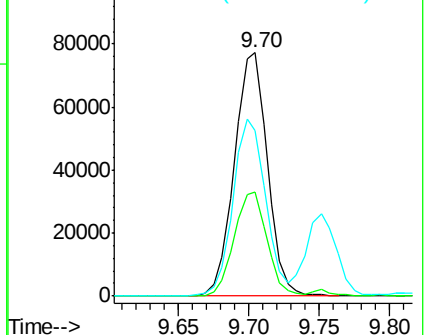
65 68.1 59.5 89.3

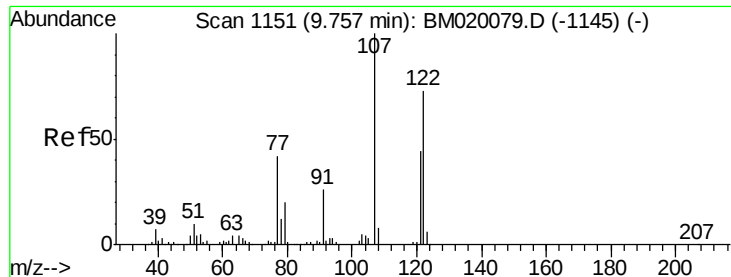


Abundance Ion 139.00 (138.70 to 139.70): BM020079.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020079.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-1135) (-)





#27

2,4-Dimethylphenol

Concen: 45.668 ng

RT: 9.75 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampled :

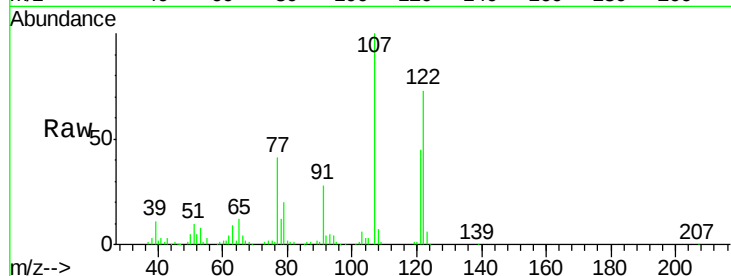
Tot Ion:122 Resp: 234394

Ion Ratio Lower Upper

122 100

107 137.4 108.6 162.8

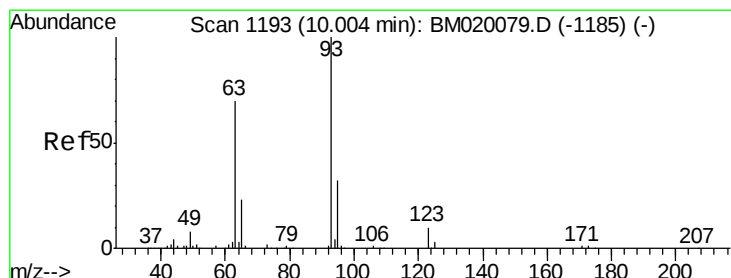
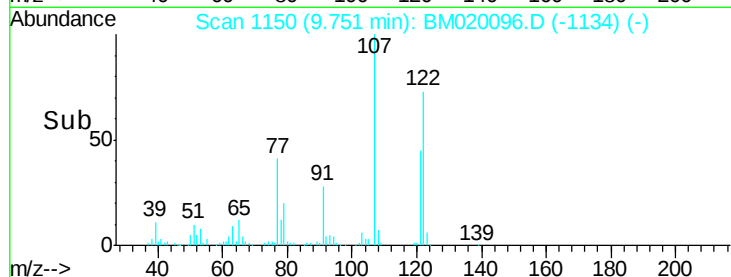
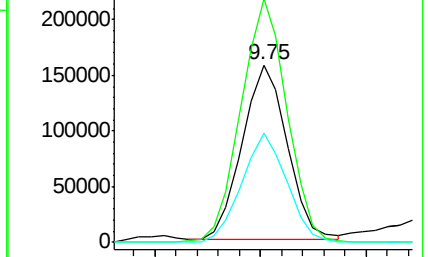
121 61.6 47.4 71.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.164 ng

RT: 10.00 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

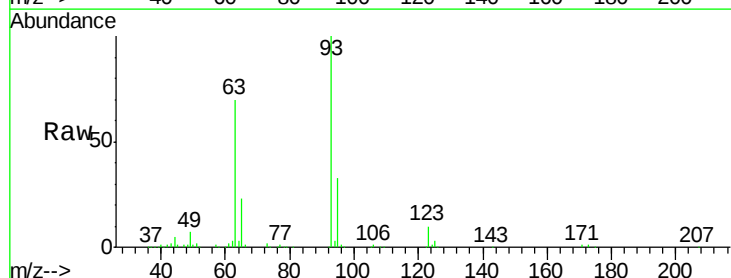
Tgt Ion: 93 Resp: 353020

Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

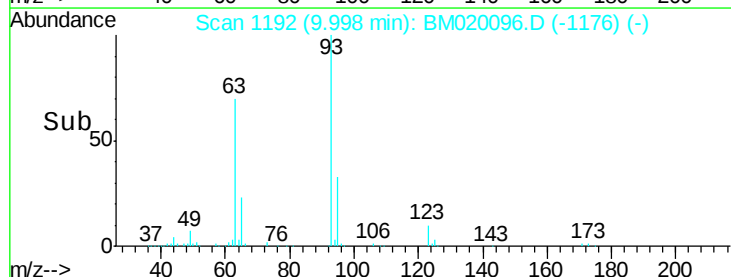
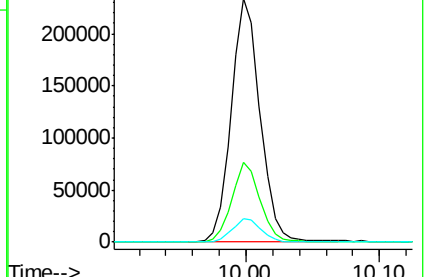
123 9.6 7.6 11.4

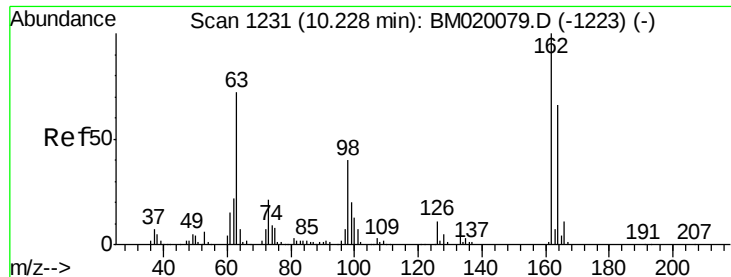


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

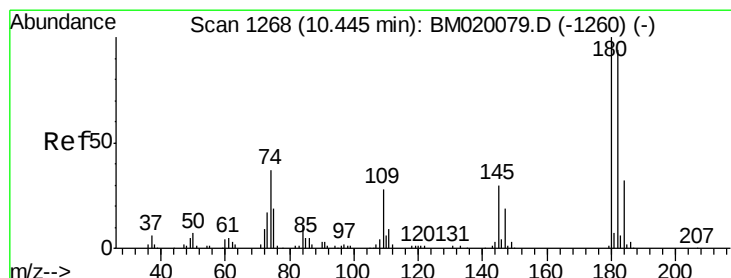
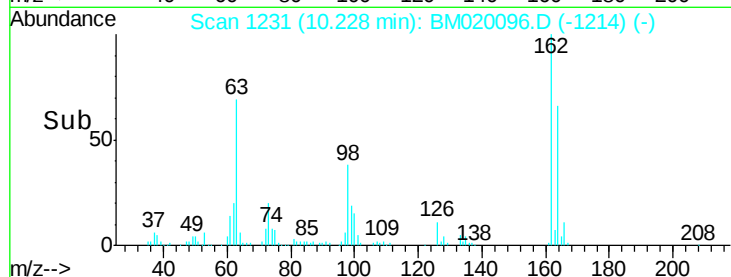
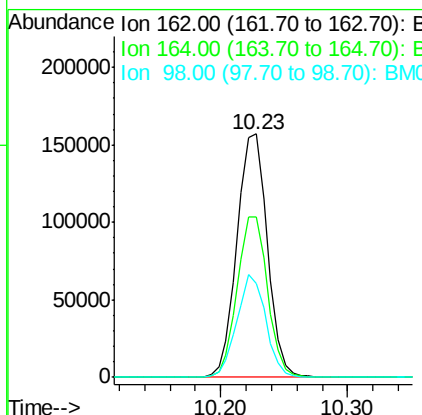
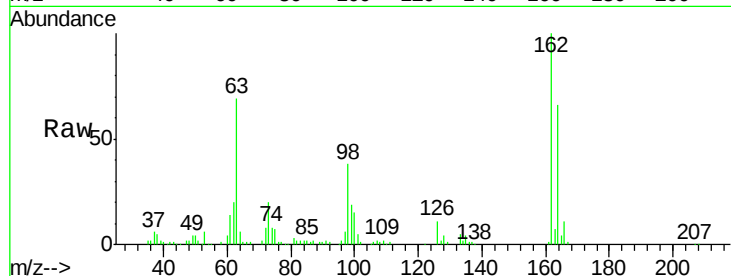




#29
 2,4-Dichlorophenol
 Concen: 40.344 ng
 RT: 10.23 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

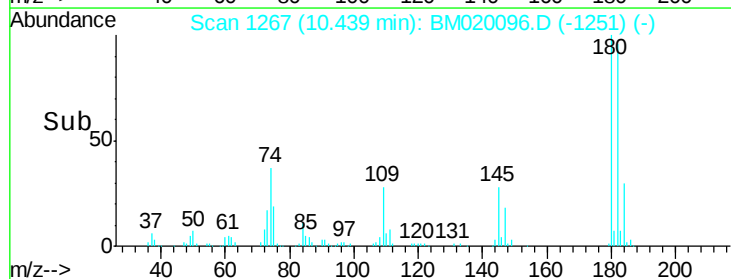
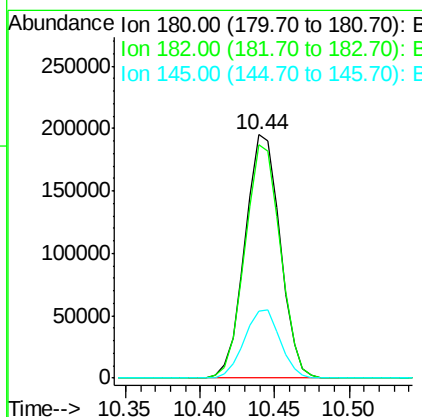
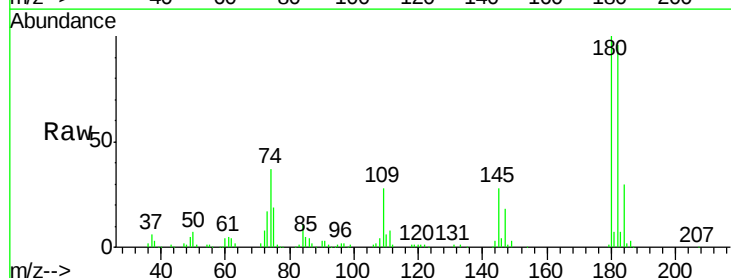
Instrument :
 BNA_M
 ClientSampleId :

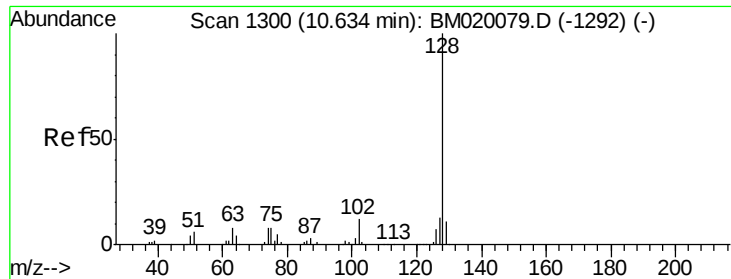
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.6	85.6
98	38.5	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.888 ng
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.4	113.0
145	27.6	23.8	35.8

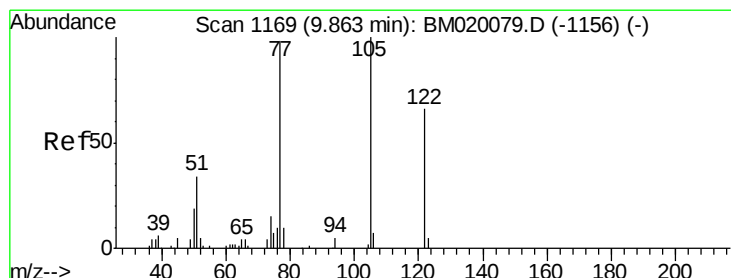
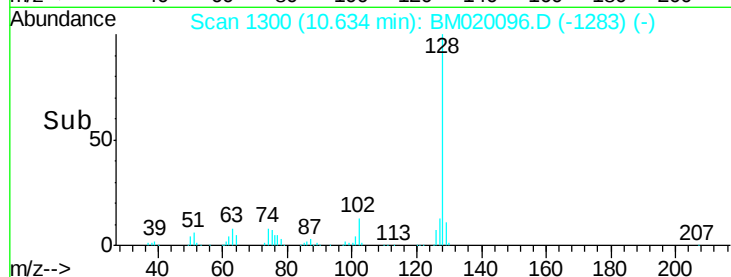
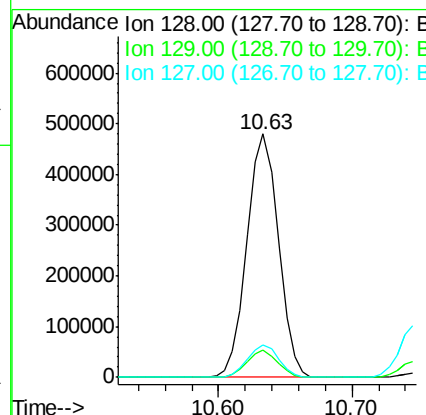
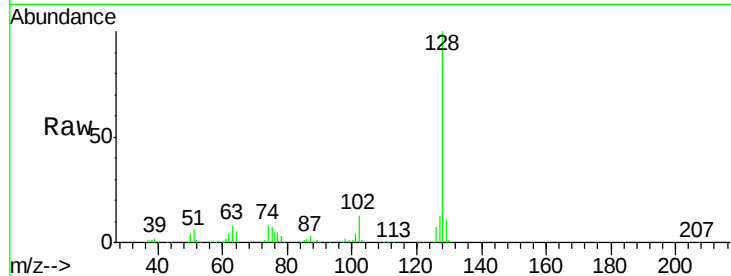




#31
Naphthalene
Concen: 38.781 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

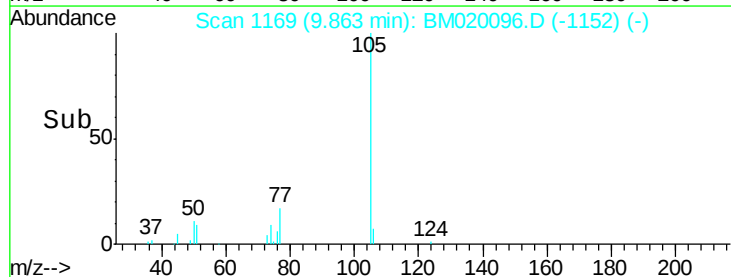
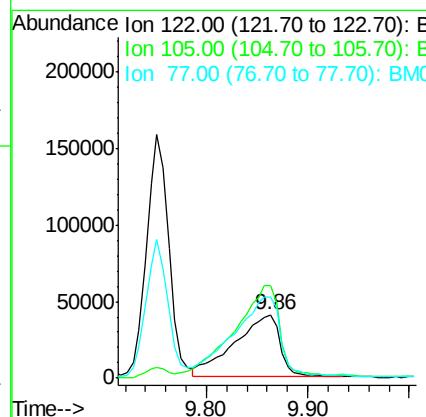
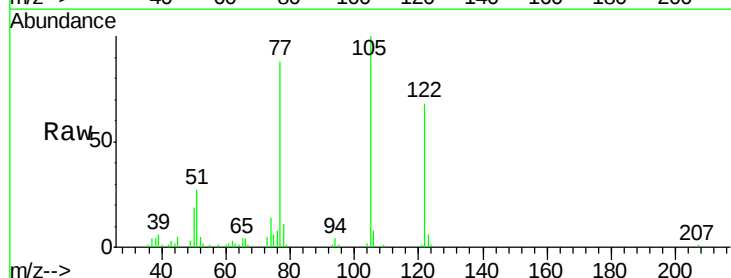
Instrument :
BNA_M
ClientSampleId :

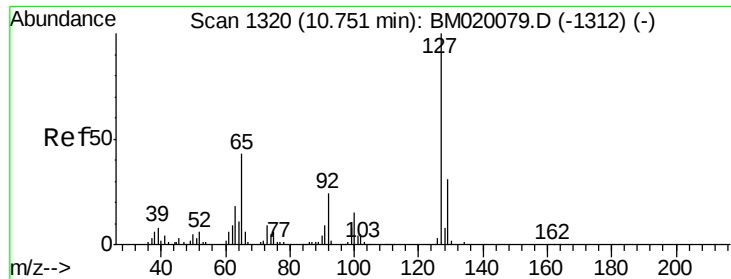
Tot Ion:128 Resp: 782519
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 36.344 ng
RT: 9.86 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion:122 Resp: 125924
Ion Ratio Lower Upper
122 100
105 146.9 122.5 162.5
77 128.8 123.3 163.3

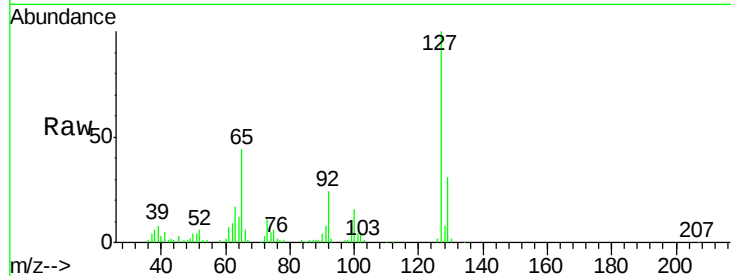




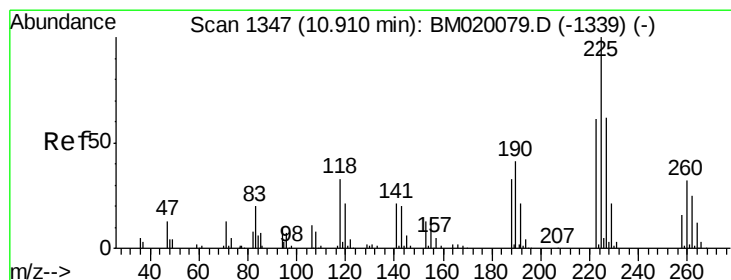
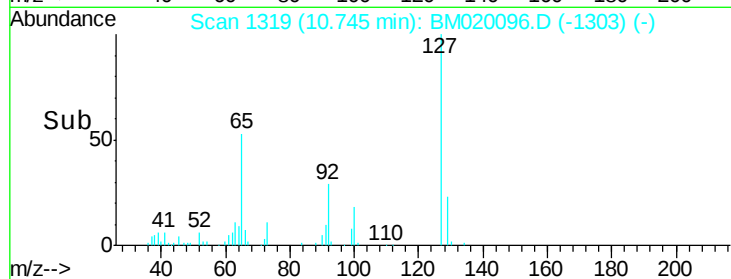
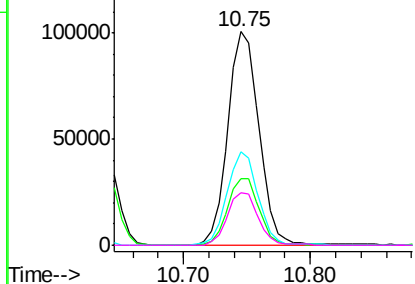
#33
4-Chloroaniline
Concen: 20.632 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	171352
Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.7	37.1
65	44.0	34.6	52.0
92	24.5	19.5	29.3

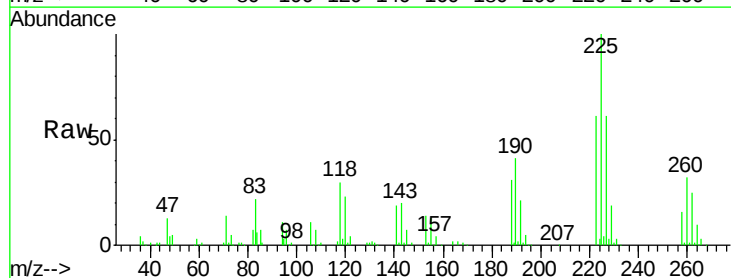


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

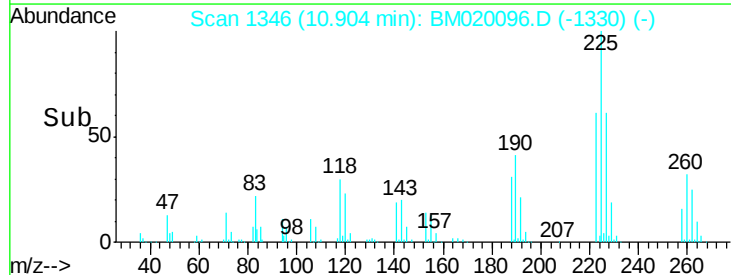
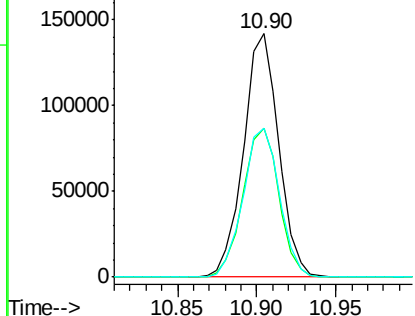


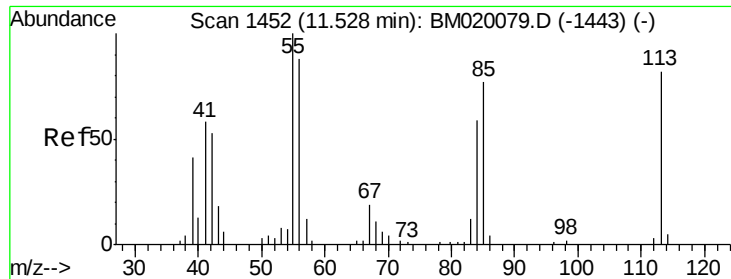
#34
Hexachlorobutadiene
Concen: 38.747 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion:	225	Resp:	218276
Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.9	73.3
227	61.4	49.6	74.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.992 ng

RT: 11.53 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampleId :

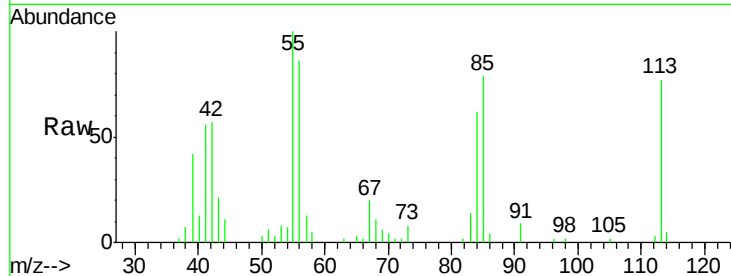
Tot Ion:113 Resp: 65781

Ion Ratio Lower Upper

113 100

55 129.8 102.5 142.5

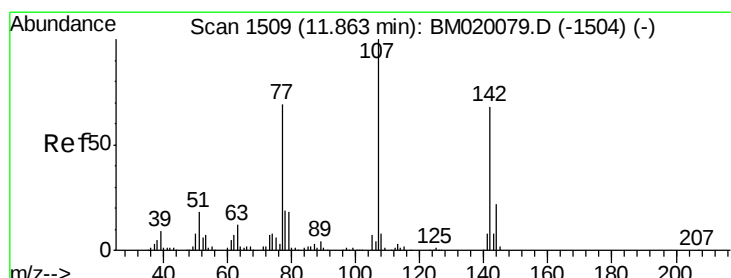
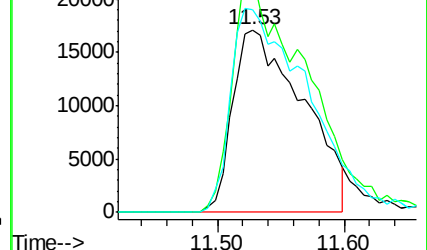
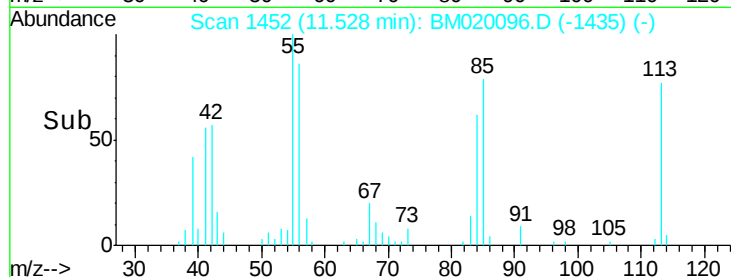
56 111.3 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 36.983 ng

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

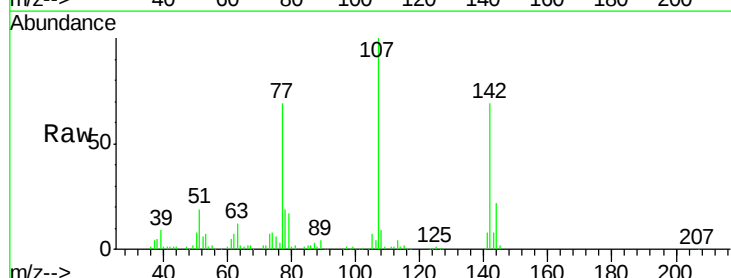
Tgt Ion:107 Resp: 281276

Ion Ratio Lower Upper

107 100

144 22.1 17.6 26.4

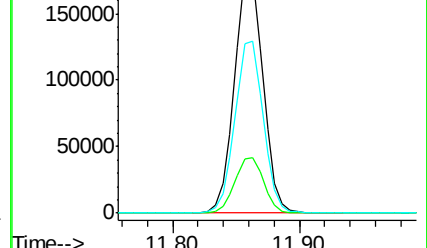
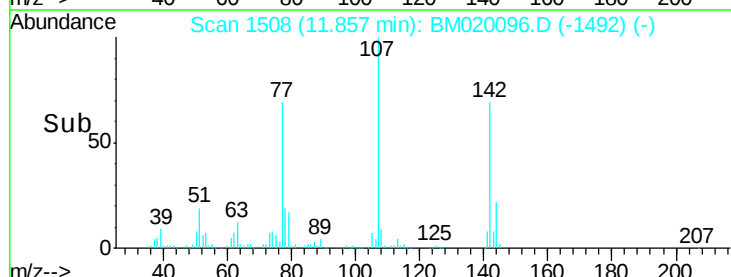
142 69.4 54.6 82.0

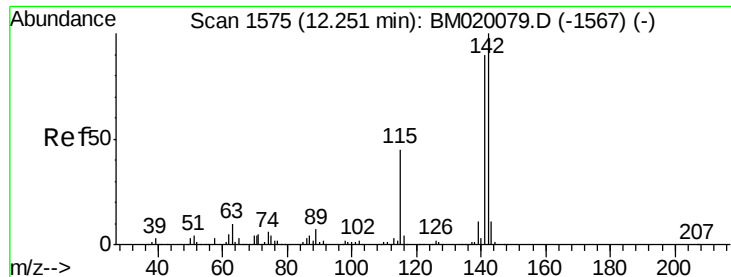


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

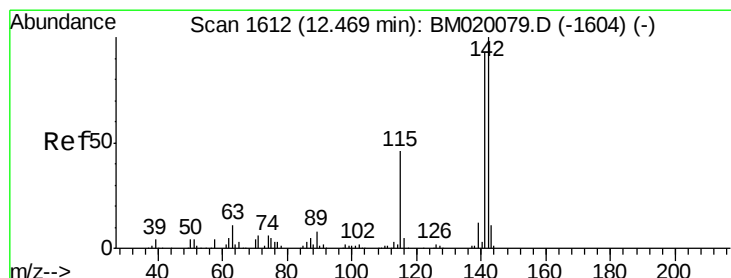
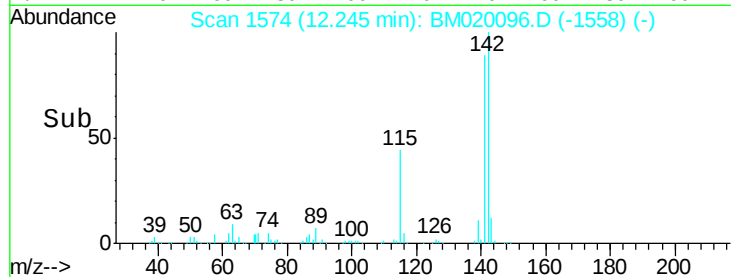
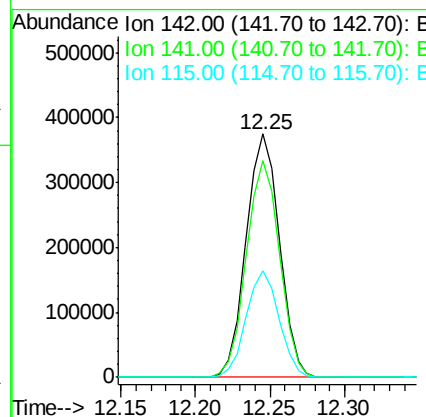
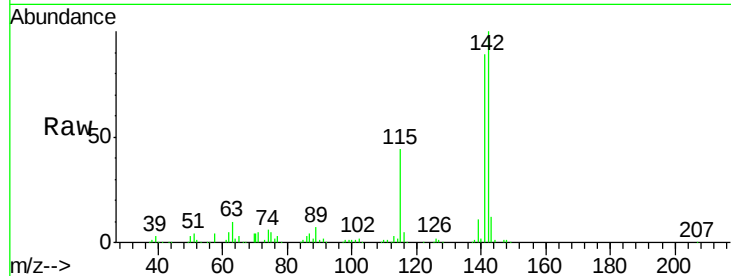




#37
 2-Methylnaphthalene
 Concen: 39.326 ng
 RT: 12.25 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

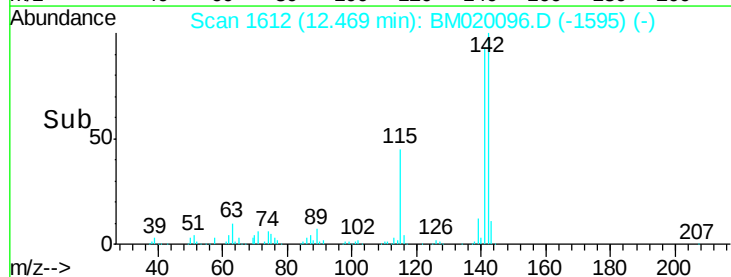
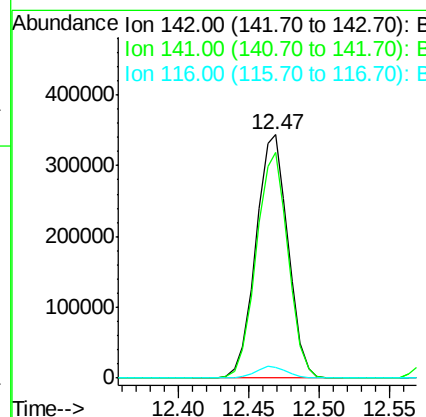
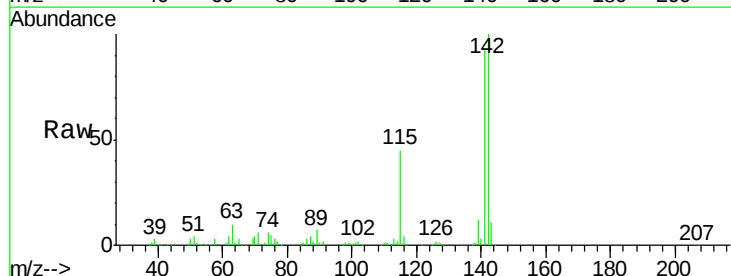
Instrument :
 BNA_M
 ClientSampled :

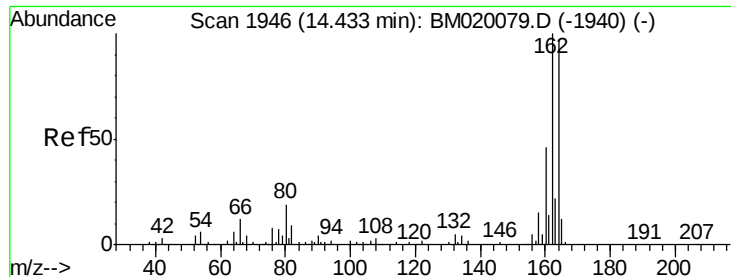
Tot Ion:142 Resp: 578494
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.6 107.4
 115 43.6 35.8 53.6



#38
 1-Methylnaphthalene
 Concen: 38.156 ng
 RT: 12.47 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion:142 Resp: 548865
 Ion Ratio Lower Upper
 142 100
 141 93.0 74.8 112.2
 116 4.2 3.9 5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampleId :

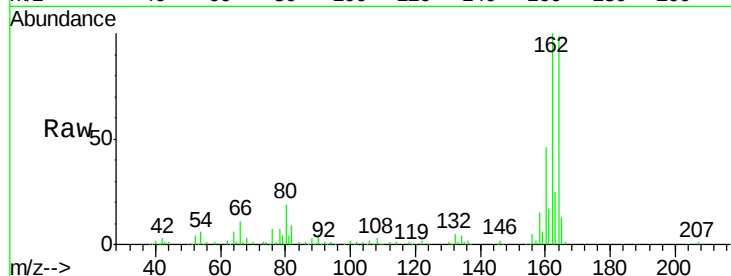
Tot Ion:164 Resp: 225897

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

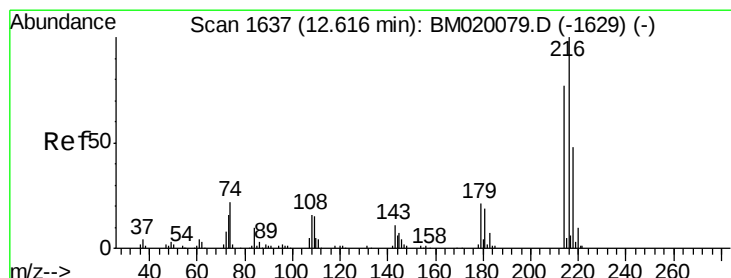
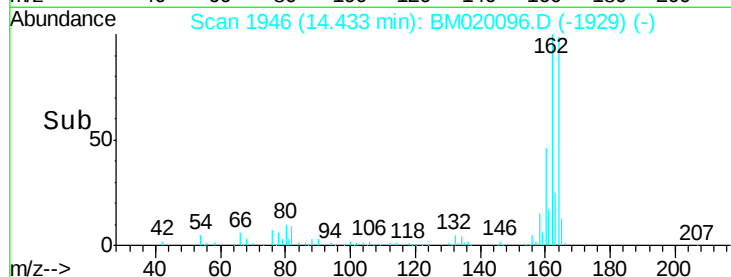
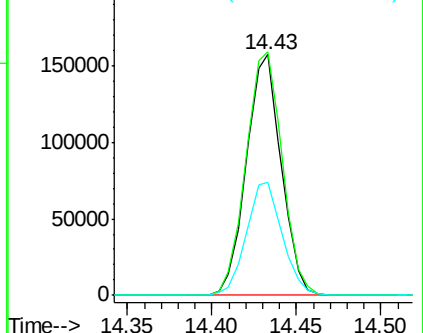
160 47.0 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.080 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion:216 Resp: 371902

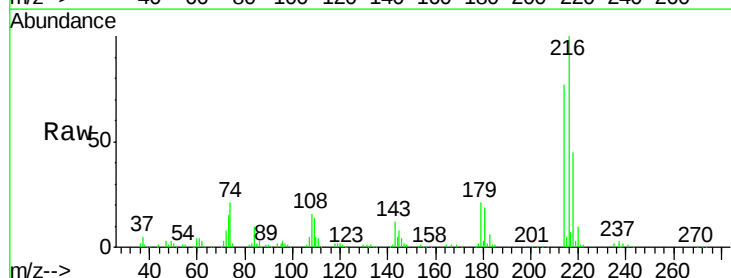
Ion Ratio Lower Upper

216 100

214 78.2 62.6 94.0

179 20.5 17.1 25.7

108 21.3 15.8 23.6

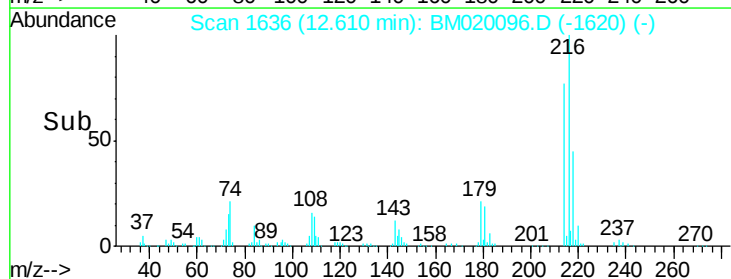
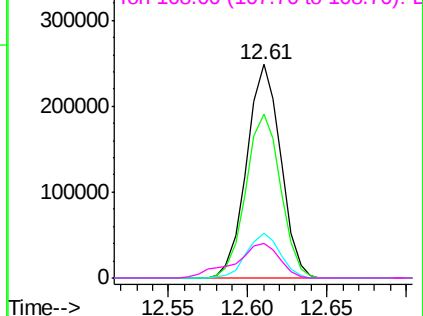


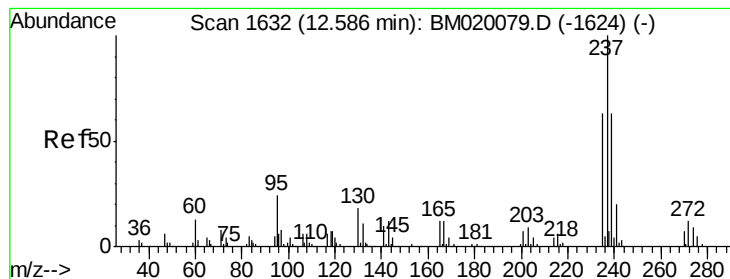
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.174 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampleId :

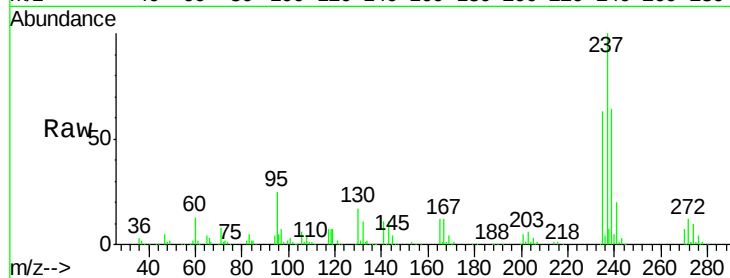
Tot Ion:237 Resp: 490065

Ion Ratio Lower Upper

237 100

235 63.2 43.4 83.4

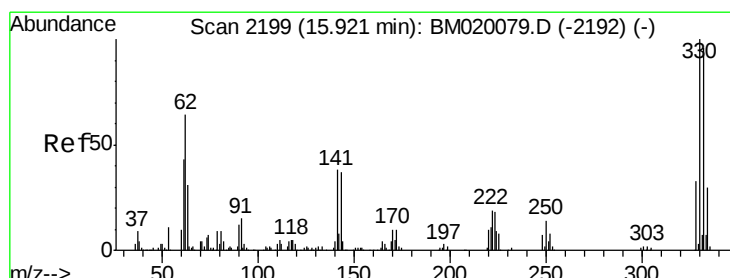
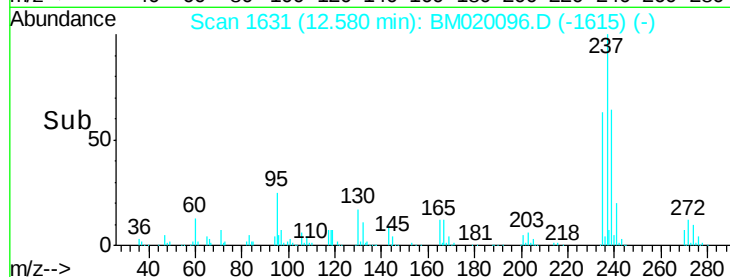
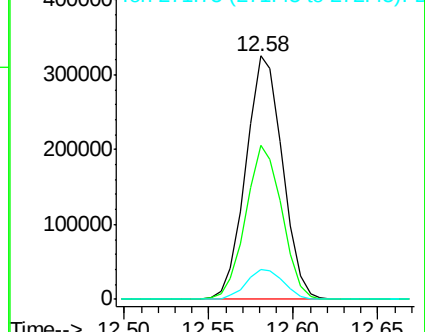
272 12.0 0.0 31.7



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: 133.359 ng

RT: 15.92 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

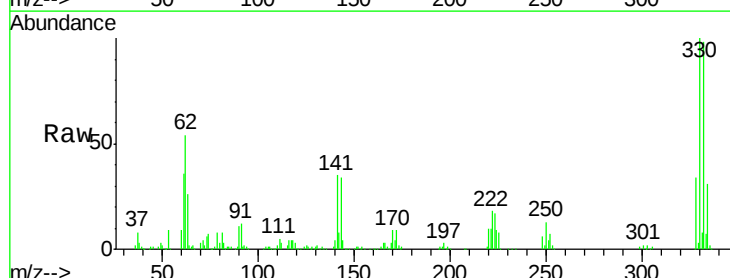
Tgt Ion:330 Resp: 467603

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

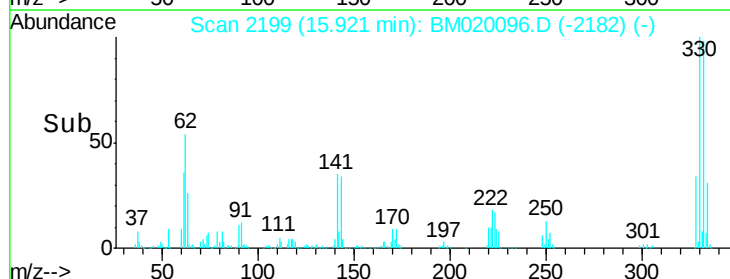
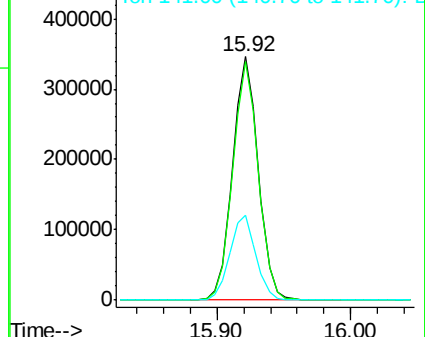
141 35.6 29.2 43.8

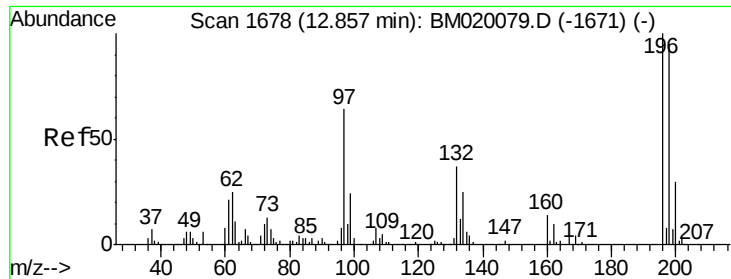


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

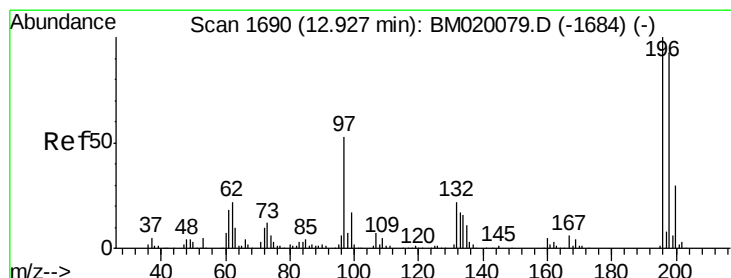
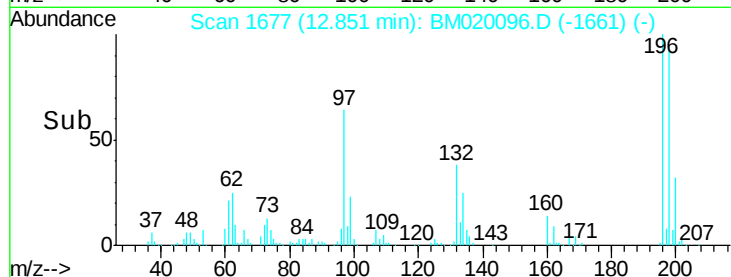
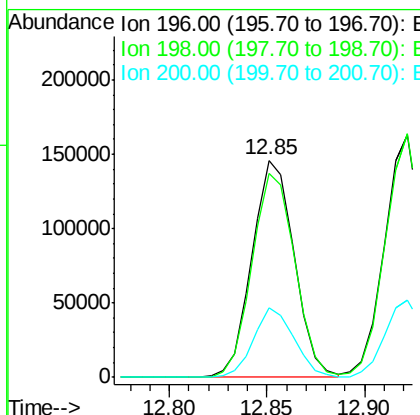
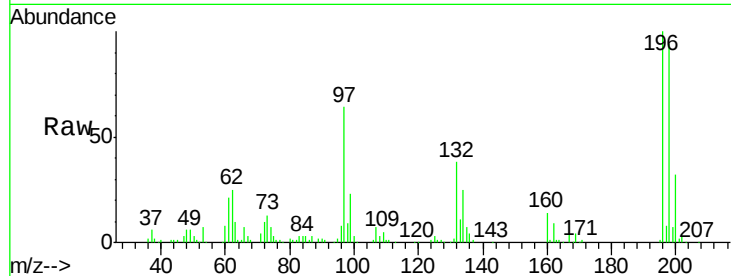




#43
 2,4,6-Trichlorophenol
 Concen: 43.549 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

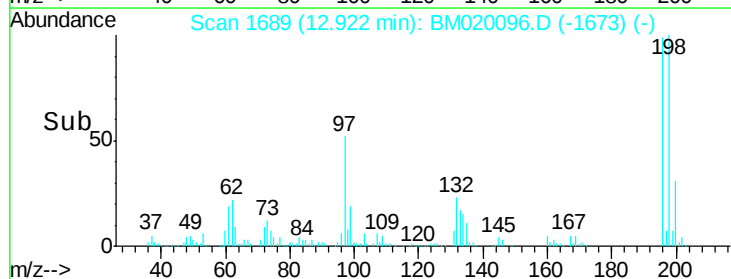
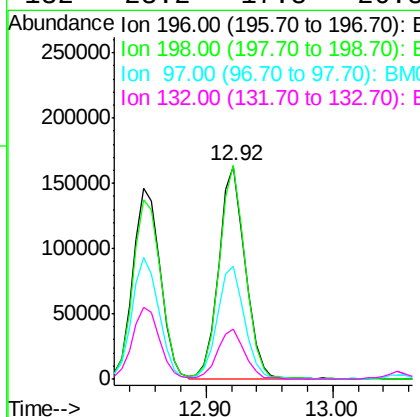
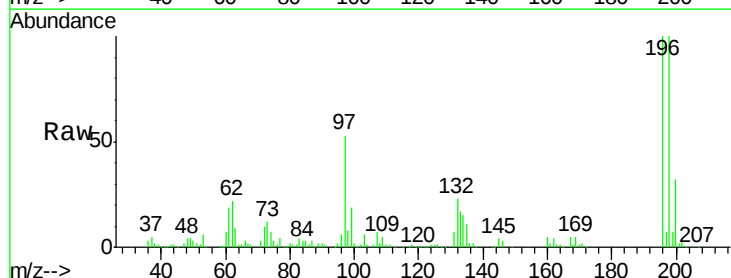
Instrument :
 BNA_M
 ClientSampleId :

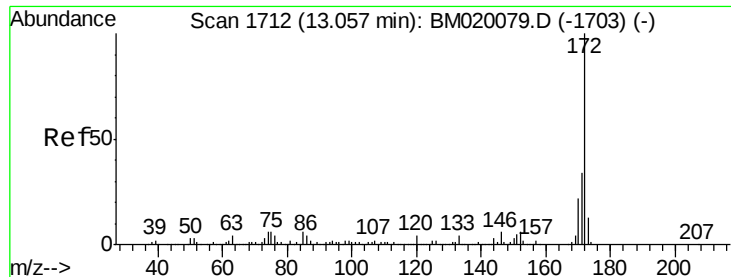
Tot Ion:196 Resp: 218741
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.2 114.2
 200 31.9 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.978 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion:196 Resp: 235550
 Ion Ratio Lower Upper
 196 100
 198 100.4 74.7 112.1
 97 53.2 42.2 63.4
 132 23.2 17.8 26.8

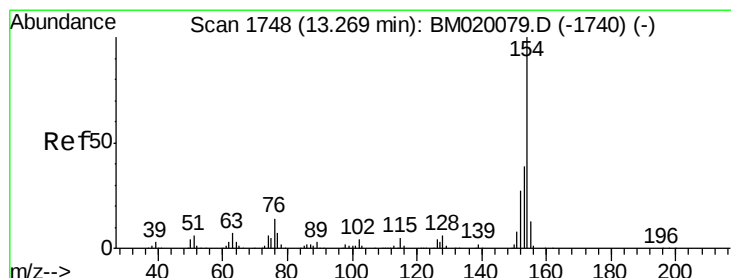
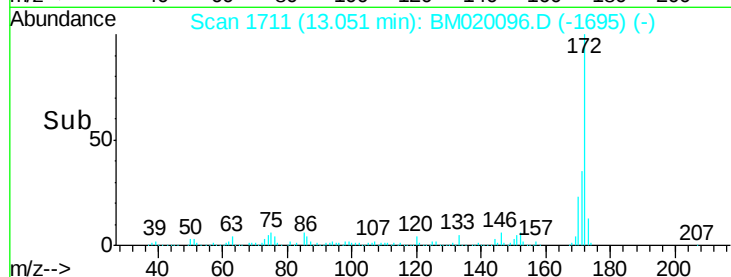
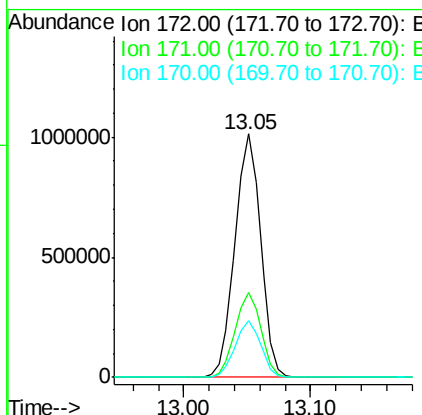
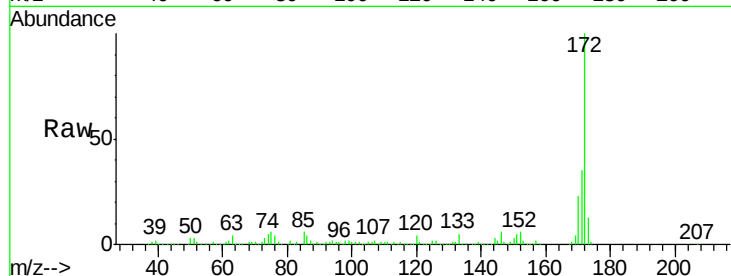




#45
2-Fluorobiphenyl
Concen: 77.298 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

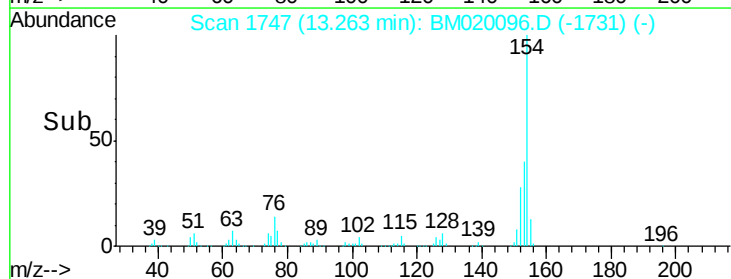
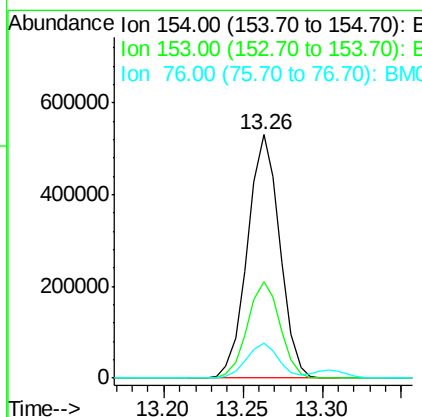
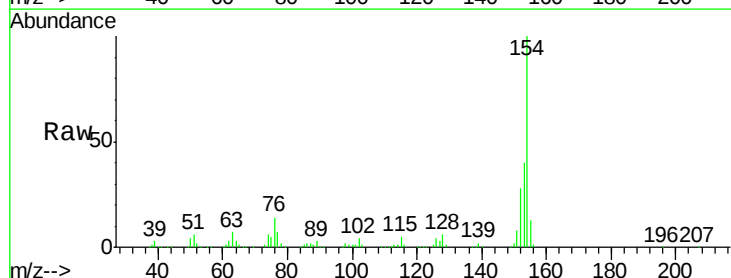
Instrument :
BNA_M
ClientSampleId :

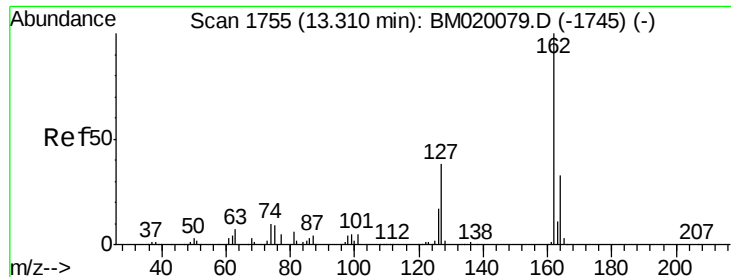
Tot Ion:172 Resp: 1419202
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 23.5 17.9 26.9



#46
1,1'-Biphenyl
Concen: 40.392 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion:154 Resp: 751021
Ion Ratio Lower Upper
154 100
153 39.7 19.4 59.4
76 14.4 0.0 34.5

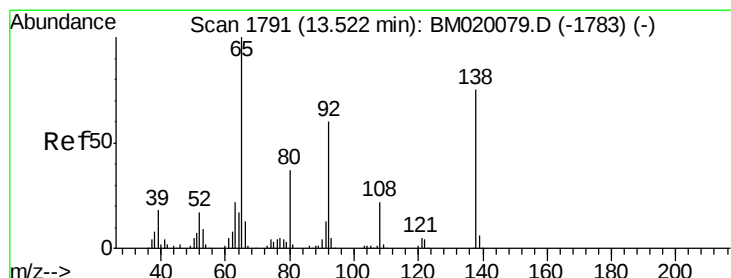
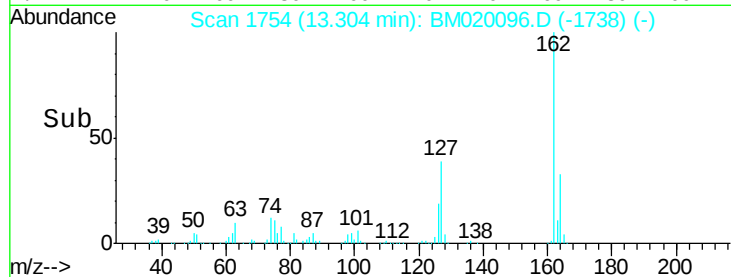
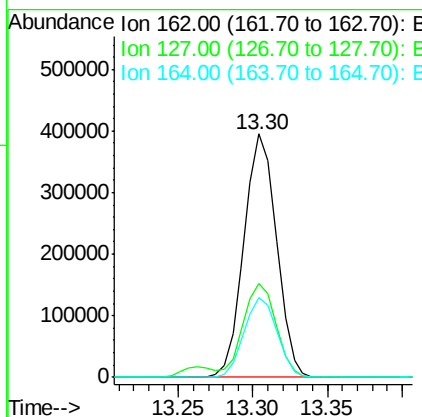
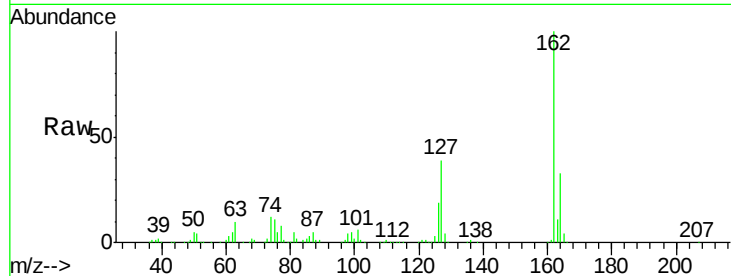




#47
 2-Chloronaphthalene
 Concen: 40.181 ng
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

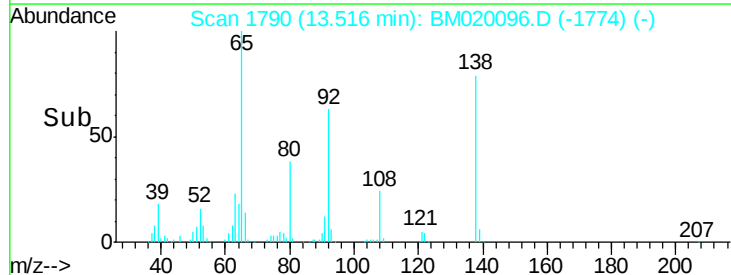
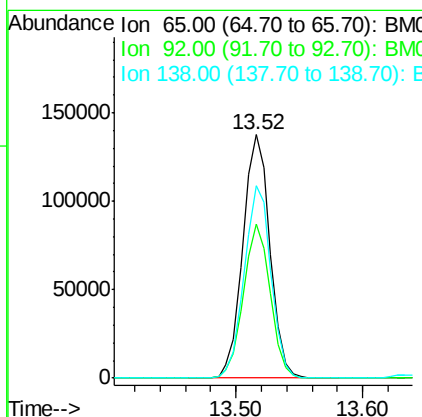
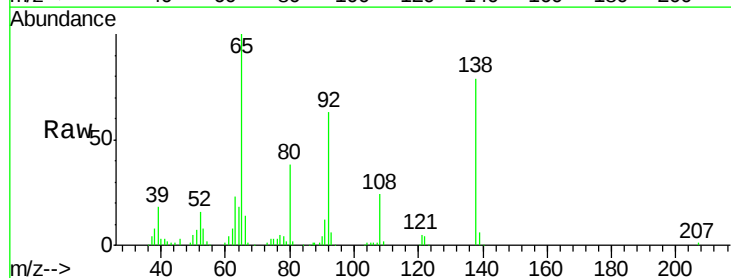
Instrument :
 BNA_M
 ClientSampleId :

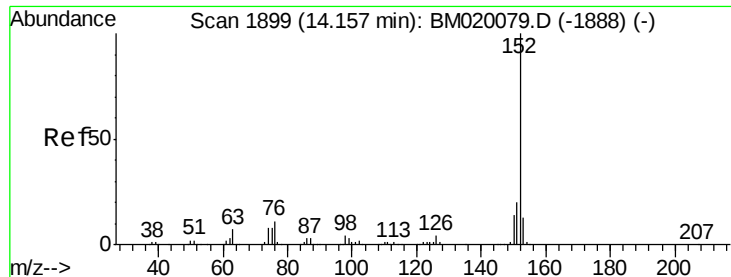
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.0	46.4
164	32.9	26.2	39.2



#48
 2-Nitroaniline
 Concen: 38.605 ng
 RT: 13.52 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	48.2	72.4
138	78.9	60.3	90.5





#49

Acenaphthylene

Concen: 38.196 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampleId :

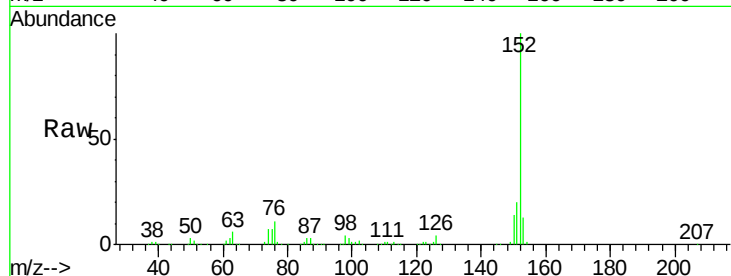
Tot Ion:152 Resp: 907471

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

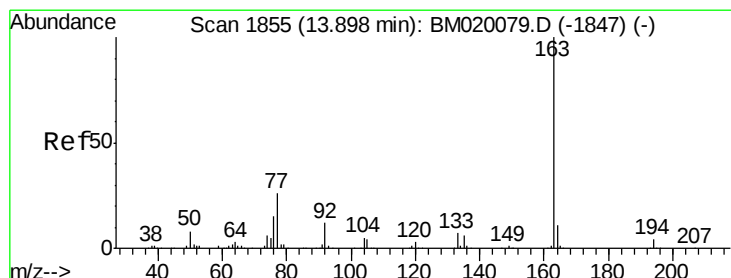
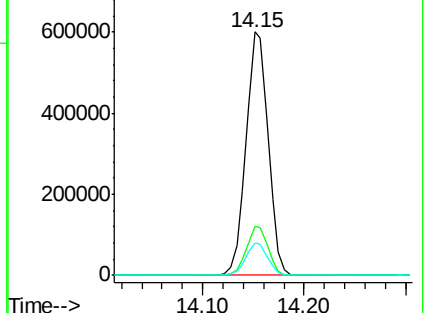
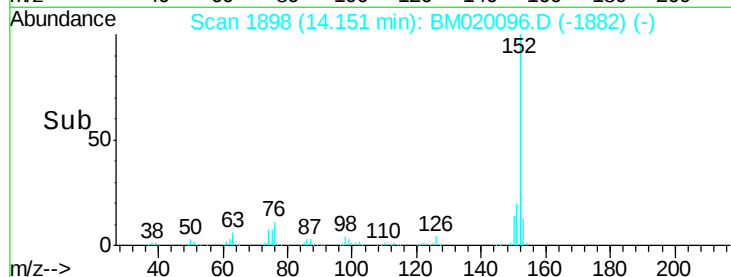
153 13.2 10.6 16.0



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: 38.481 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

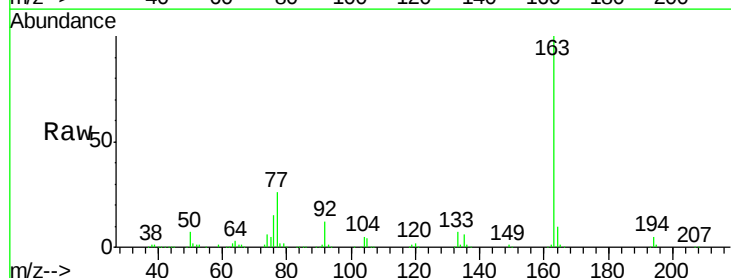
Tgt Ion:163 Resp: 738816

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

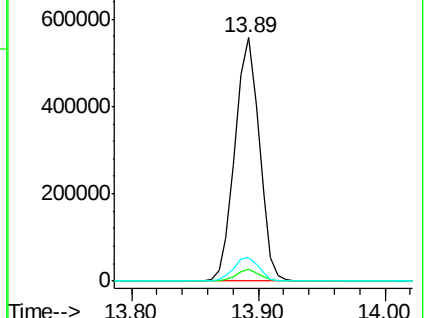
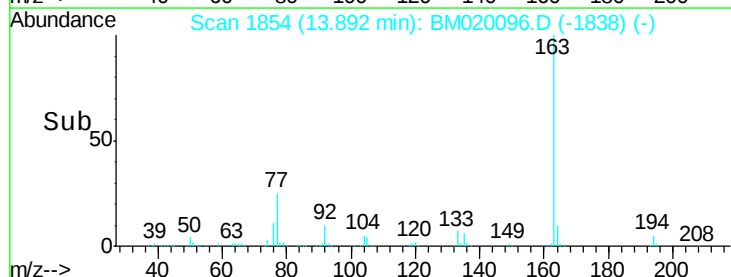
164 9.8 8.4 12.6

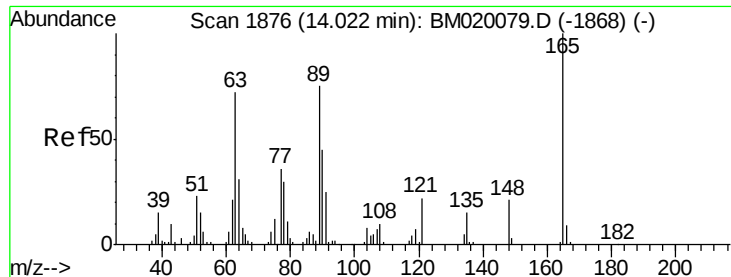


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

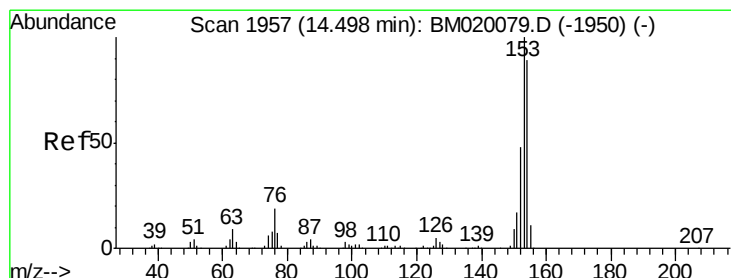
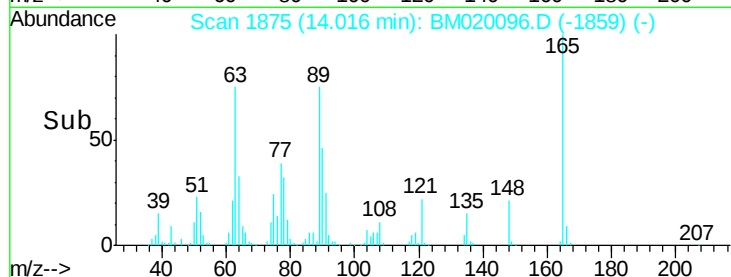
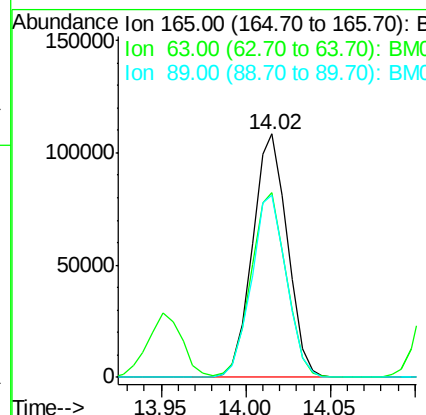
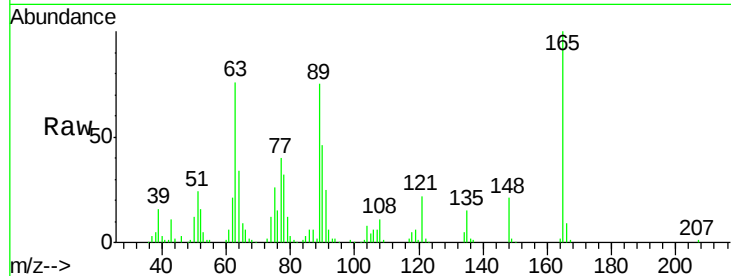




#51
 2,6-Dinitrotoluene
 Concen: 38.397 ng
 RT: 14.02 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

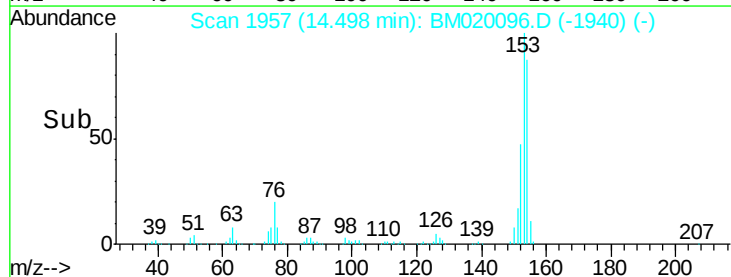
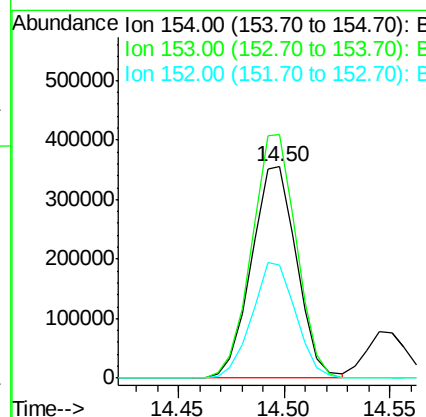
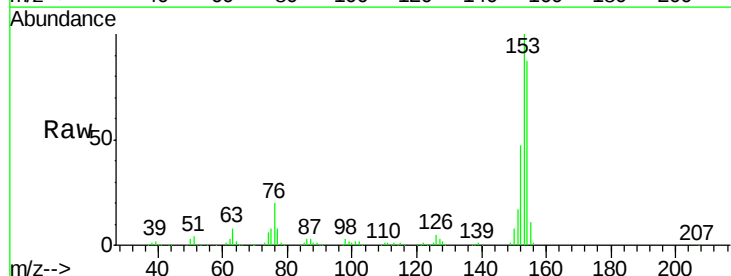
Instrument :
 BNA_M
 ClientSampled :

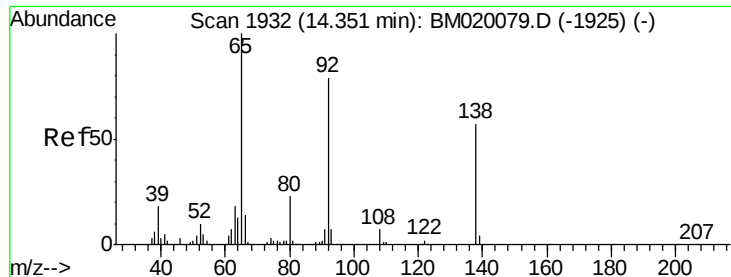
Tot Ion	Ratio	Lower	Upper
165	100		
63	75.8	60.3	90.5
89	74.9	59.8	89.6



#52
 Acenaphthene
 Concen: 38.899 ng
 RT: 14.50 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.2	135.2
152	53.7	43.0	64.4

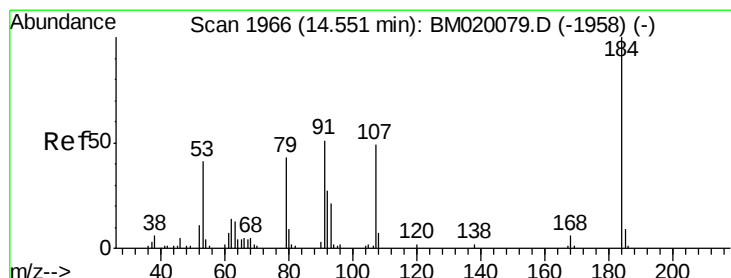
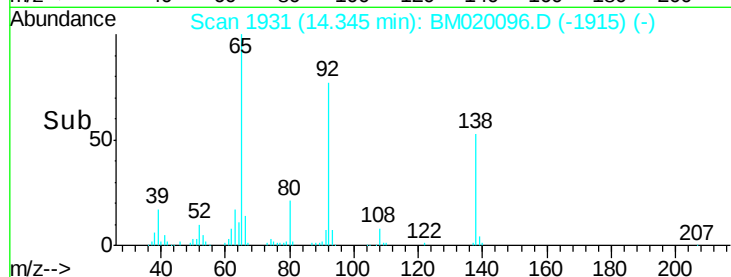
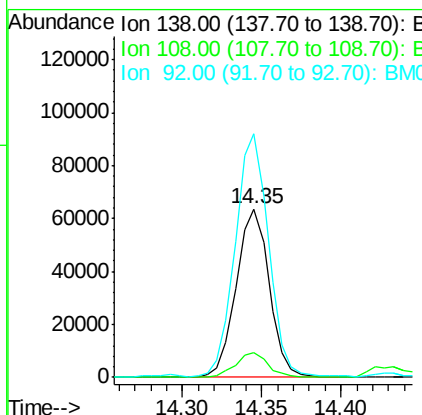
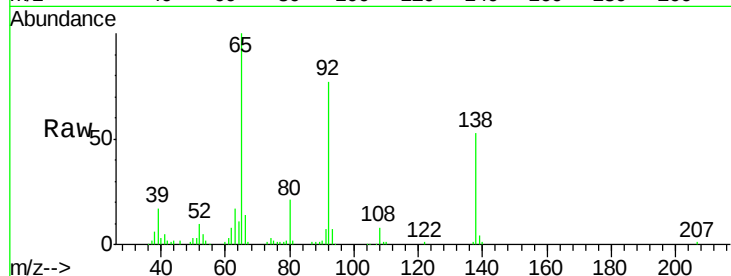




#53
3-Nitroaniline
Concen: 24.526 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

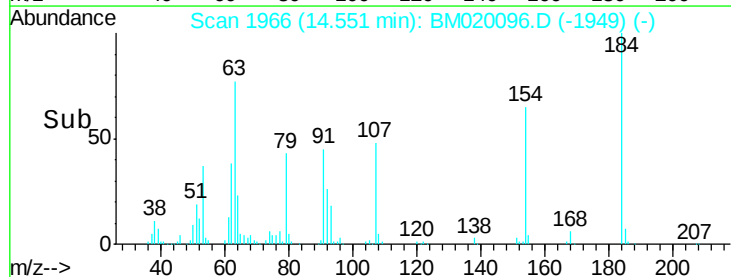
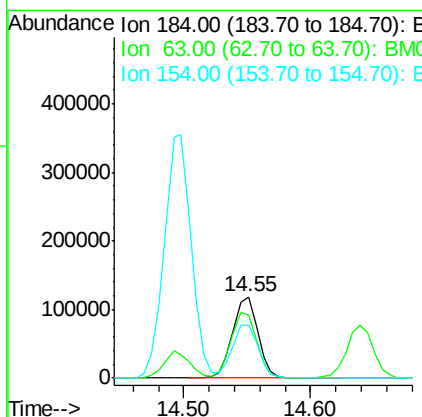
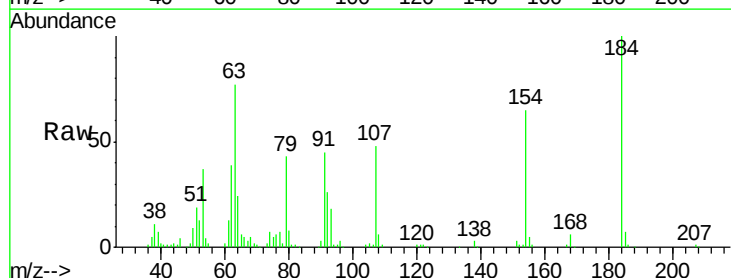
Instrument :
BNA_M
ClientSampleId :

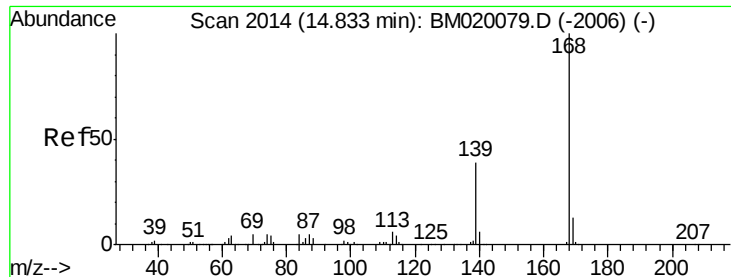
Tot Ion:138 Resp: 92049
Ion Ratio Lower Upper
138 100
108 14.5 10.4 15.6
92 144.5 111.3 166.9



#54
2,4-Dinitrophenol
Concen: 81.252 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion:184 Resp: 164880
Ion Ratio Lower Upper
184 100
63 77.4 68.9 103.3
154 64.5 54.4 81.6

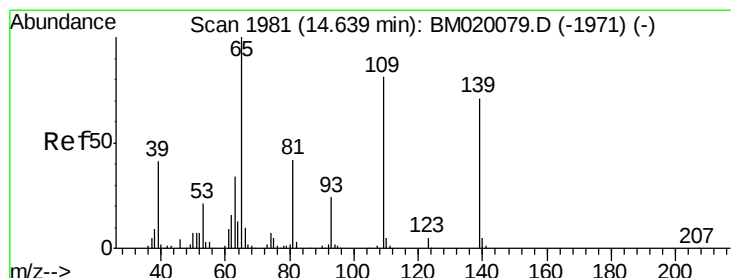
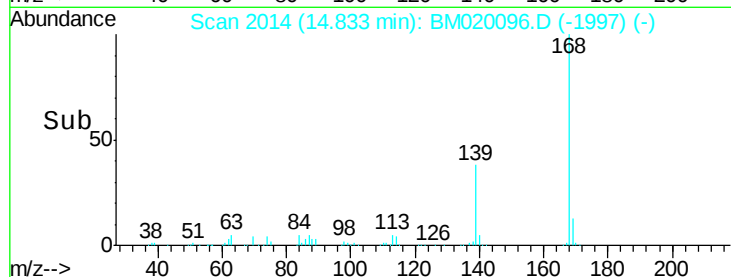
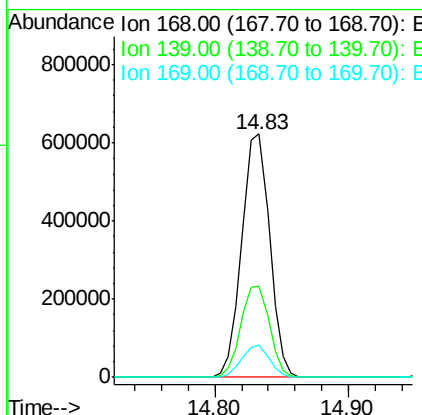
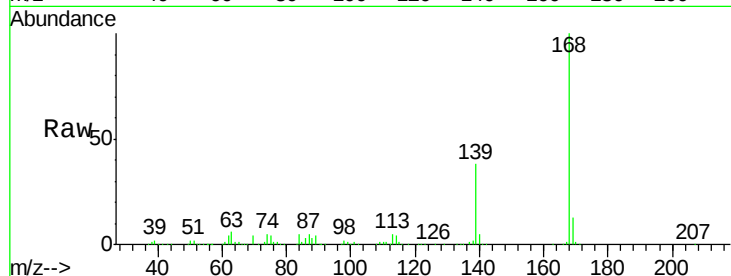




#55
 Dibenzofuran
 Concen: 39.225 ng
 RT: 14.83 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

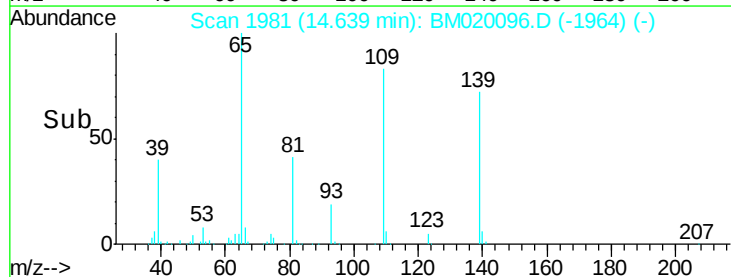
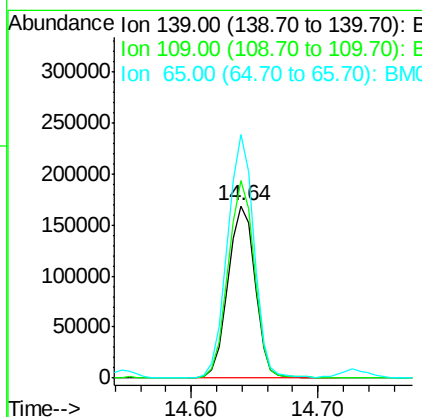
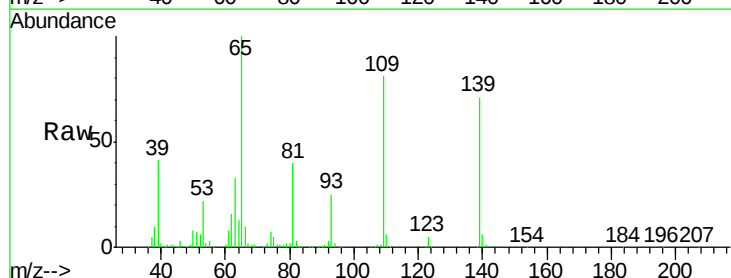
Instrument :
 BNA_M
 ClientSampleId :

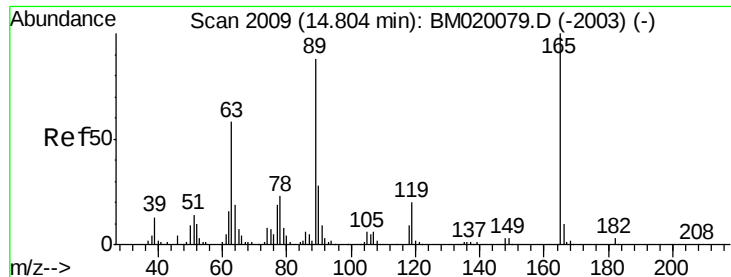
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.1	46.7
169	13.4	10.6	16.0



#56
 4-Nitrophenol
 Concen: 78.063 ng
 RT: 14.64 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	114.6	94.1	134.1
65	141.4	120.9	160.9

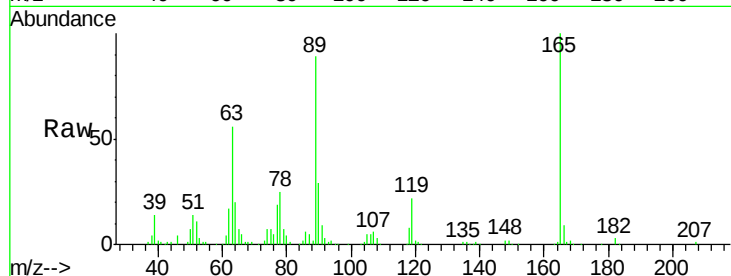




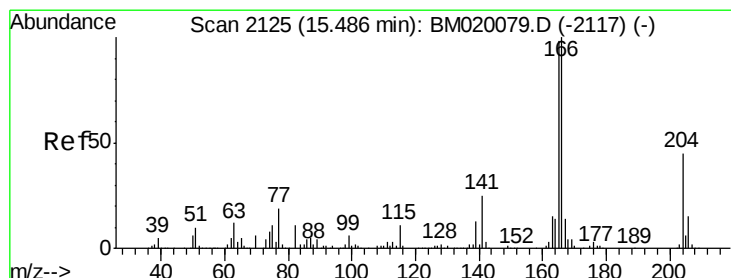
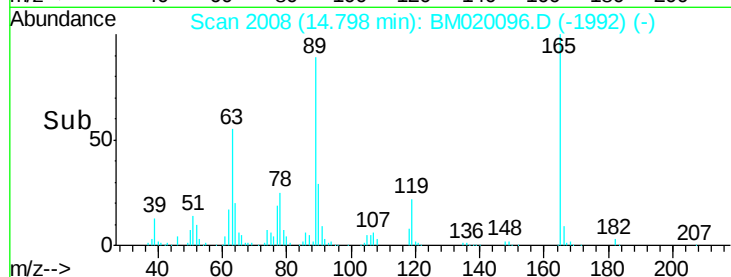
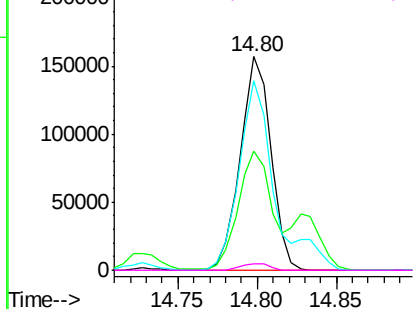
#57
2,4-Dinitrotoluene
Concen: 38.440 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampled :

Tot Ion:165 Resp: 211222
Ion Ratio Lower Upper
165 100
63 56.0 46.2 69.2
89 88.5 70.6 105.8
182 2.8 2.2 3.2

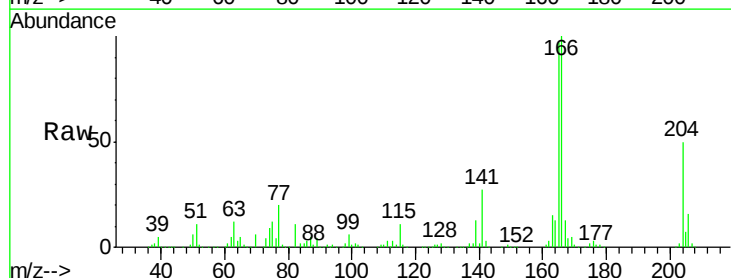


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

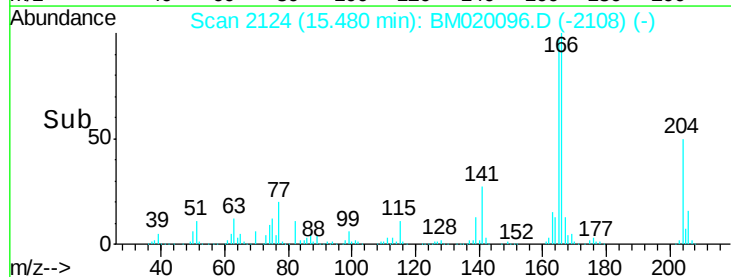
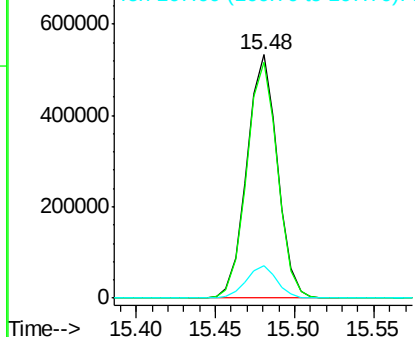


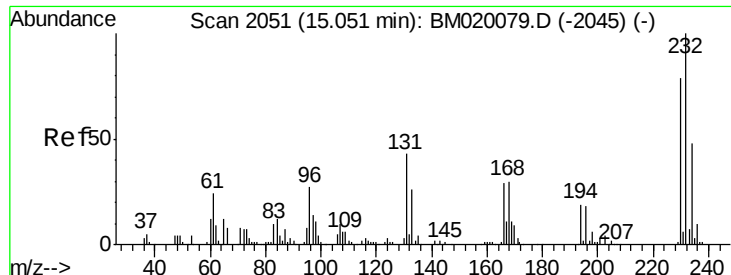
#58
Fluorene
Concen: 37.780 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion:166 Resp: 713067
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.2
167 13.4 11.0 16.4



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

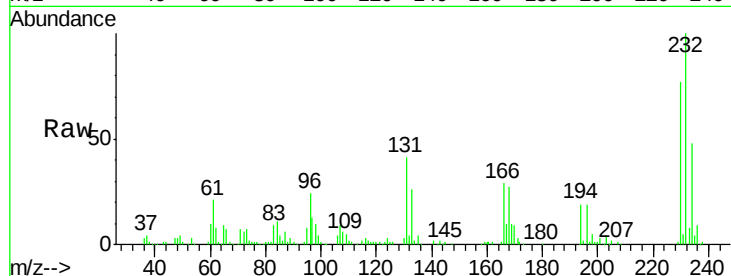




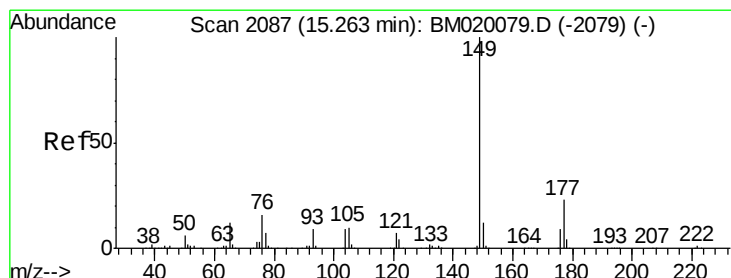
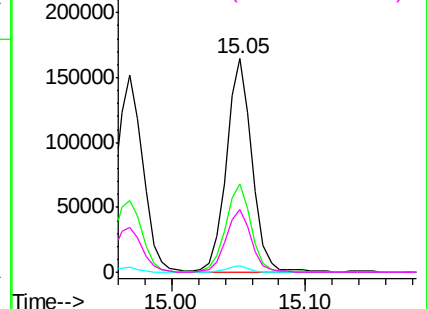
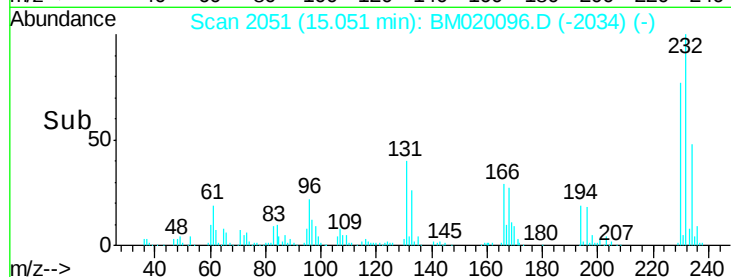
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.076 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	232	Resp:	219030
Ion	Ratio	Lower	Upper
232	100		
131	40.7	34.2	51.4
130	2.6	2.0	3.0
166	29.6	23.8	35.8

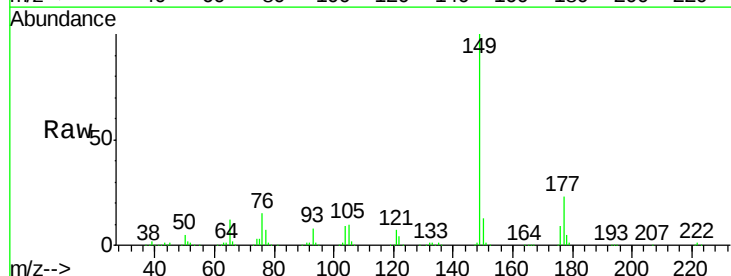


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

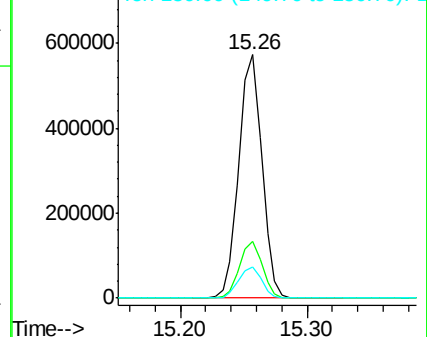
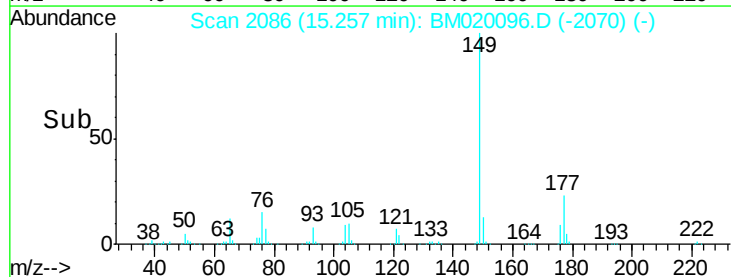


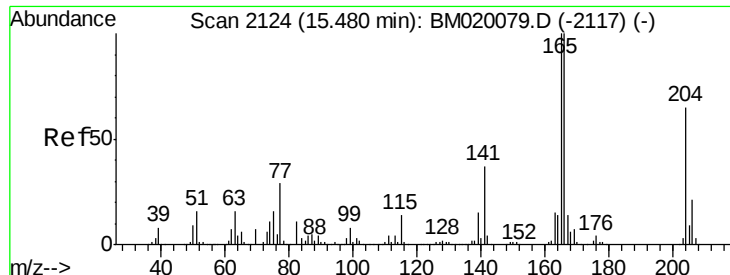
#60
 Diethylphthalate
 Concen: 37.211 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion:	149	Resp:	719774
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.2	27.4
150	12.8	9.9	14.9



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

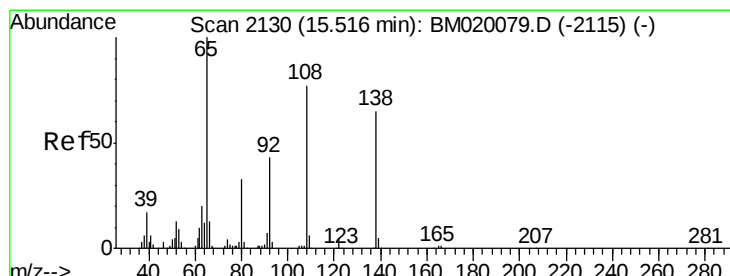
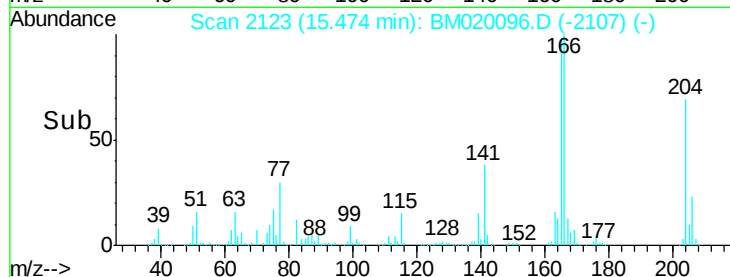
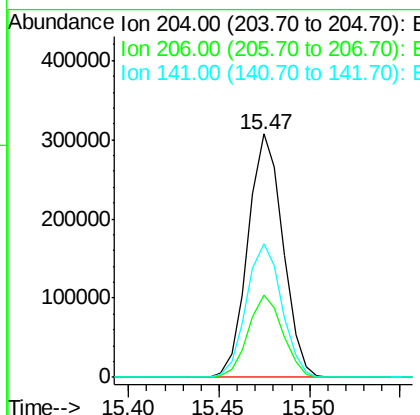
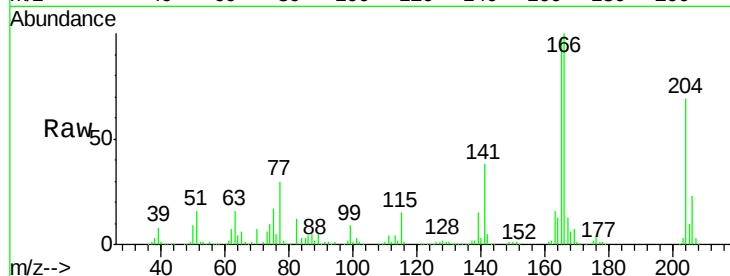




#61
 4-Chlorophenyl-phenylether
 Concen: 38.465 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

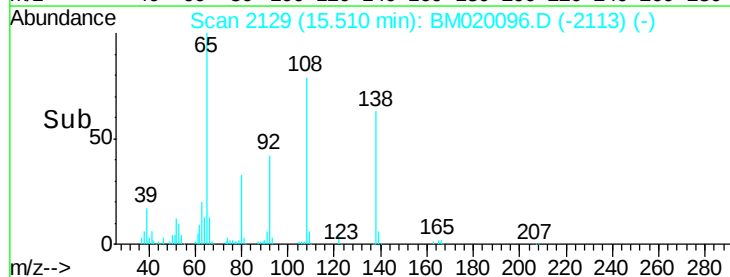
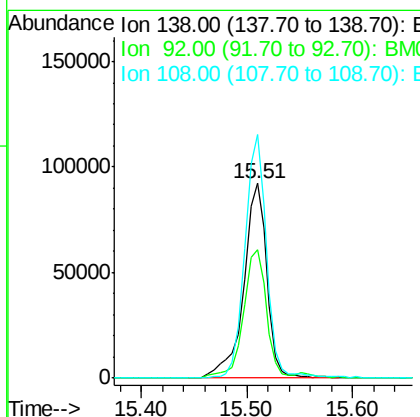
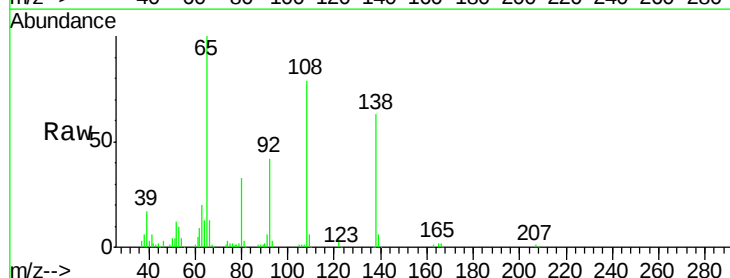
Instrument :
 BNA_M
 ClientSampleId :

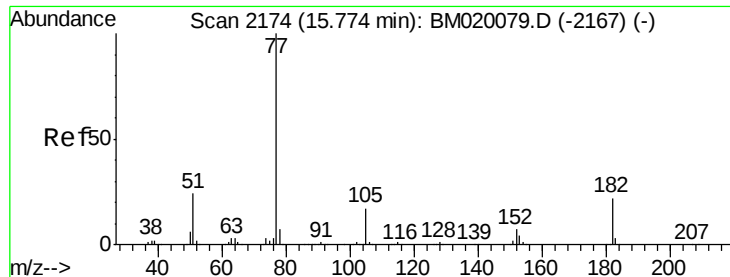
Tot Ion:204 Resp: 411340
 Ion Ratio Lower Upper
 204 100
 206 33.8 25.6 38.4
 141 54.8 46.1 69.1



#62
 4-Nitroaniline
 Concen: 34.044 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion:138 Resp: 141008
 Ion Ratio Lower Upper
 138 100
 92 65.9 45.9 85.9
 108 125.1 97.7 137.7





#63

Azobenzene

Concen: 37.039 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 845207

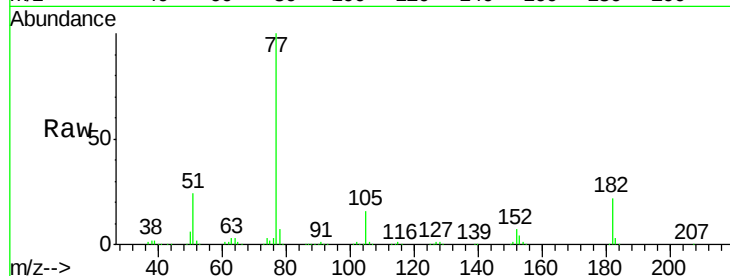
Ion Ratio Lower Upper

77 100

182 21.8 2.1 42.1

105 16.1 0.0 36.8

51 23.9 3.8 43.8

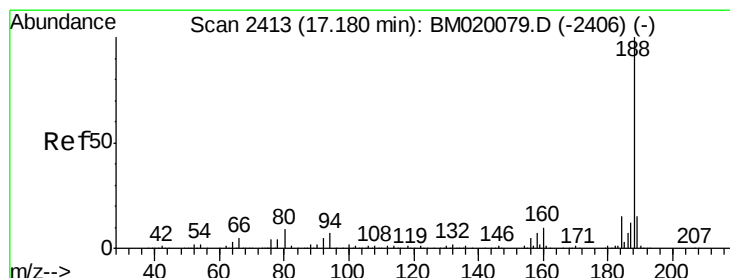
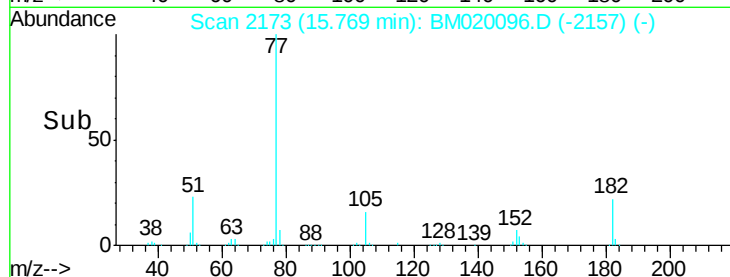
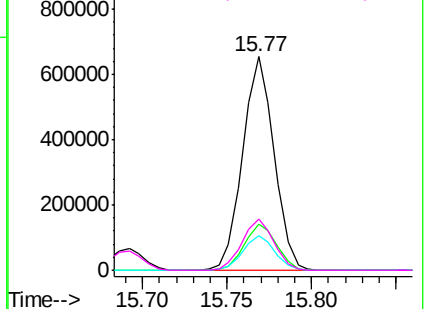


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

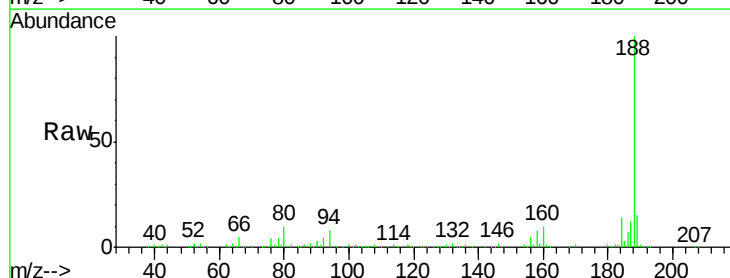
Tgt Ion: 188 Resp: 516315

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

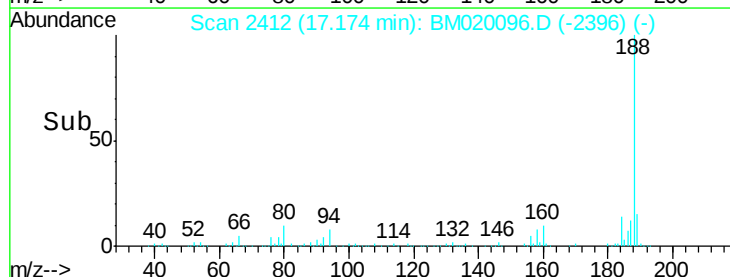
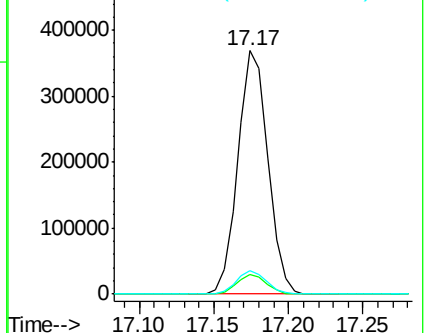
80 9.7 7.4 11.2

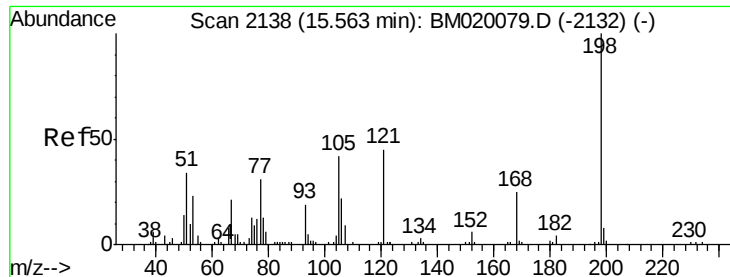


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

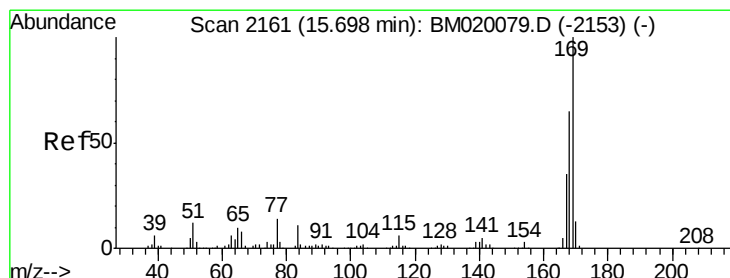
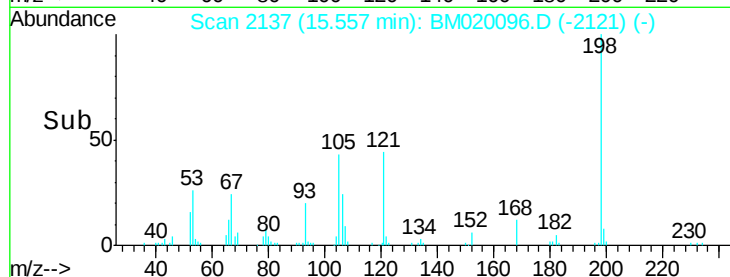
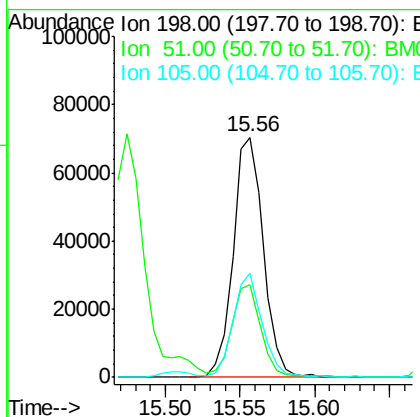
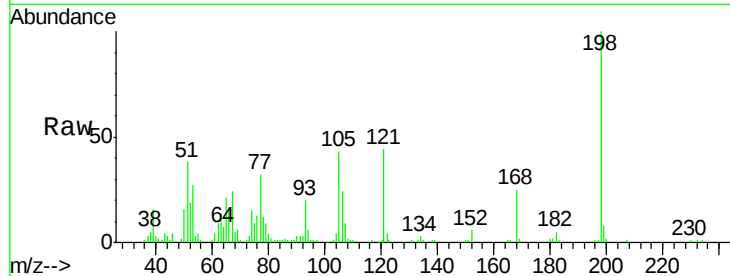




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.538 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

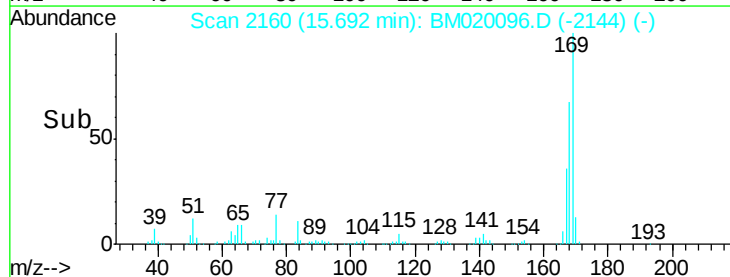
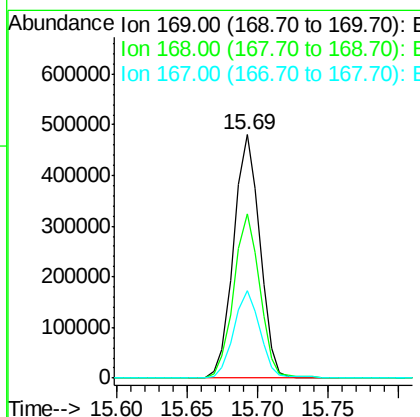
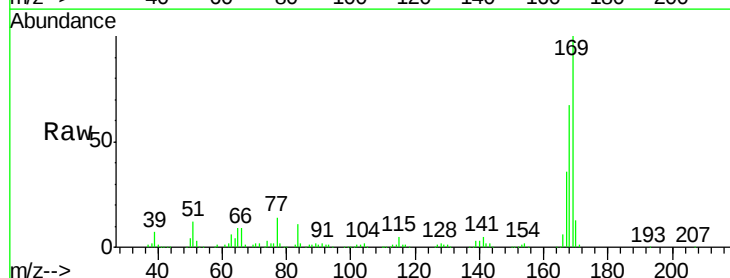
Instrument :
 BNA_M
 ClientSampleId :

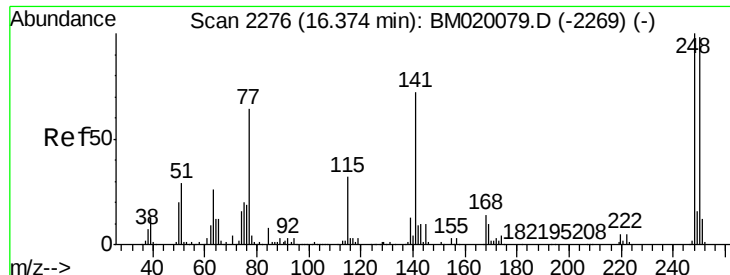
Tot Ion	198	Resp	99134
Ion Ratio	100	Lower	Upper
51	38.4	16.5	56.5
105	43.4	22.8	62.8



#66
 n-Nitrosodiphenylamine
 Concen: 40.901 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion	169	Resp	621401
Ion Ratio	100	Lower	Upper
168	67.2	51.9	77.9
167	35.7	27.8	41.6

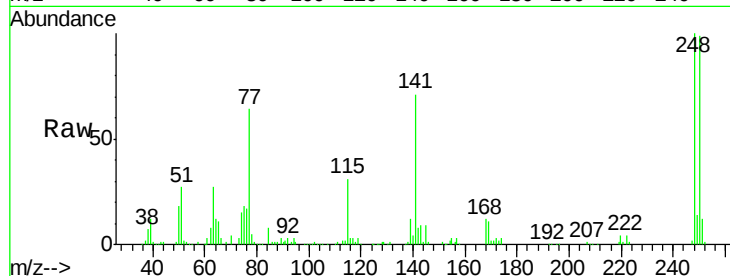




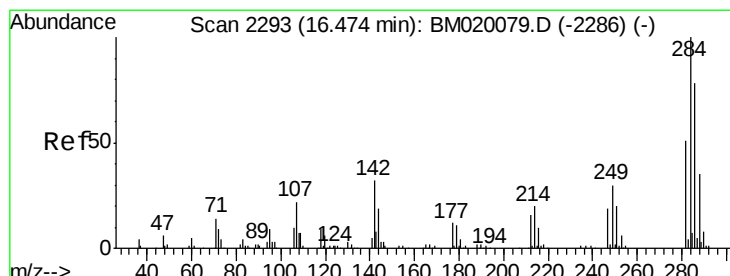
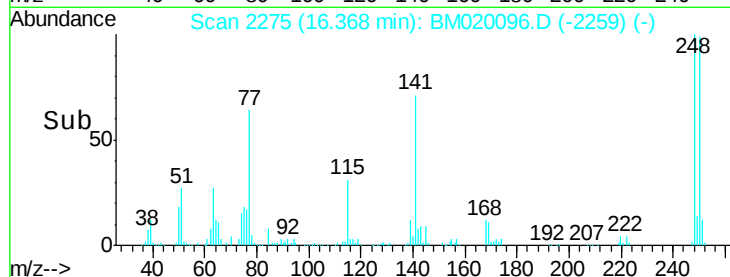
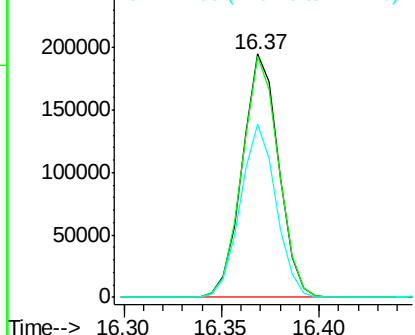
#67
4-Bromophenyl-phenylether
Concen: 39.676 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 251206
Ion Ratio Lower Upper
248 100
250 98.8 78.4 117.6
141 71.0 57.4 86.2

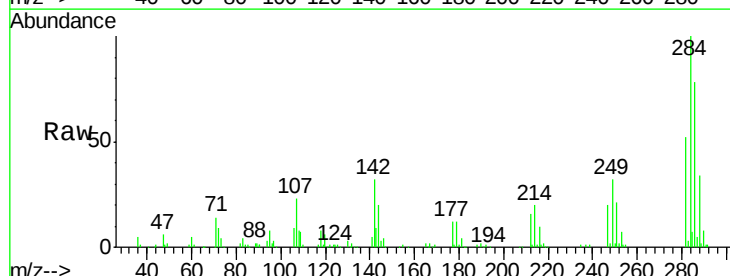


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

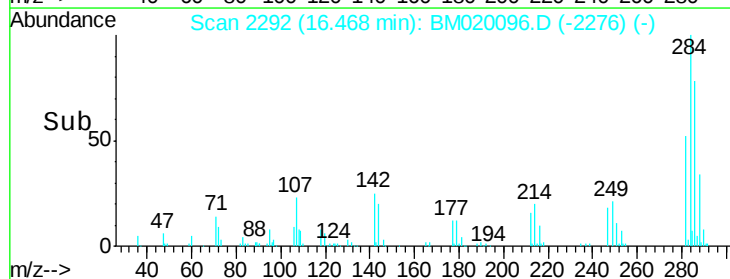
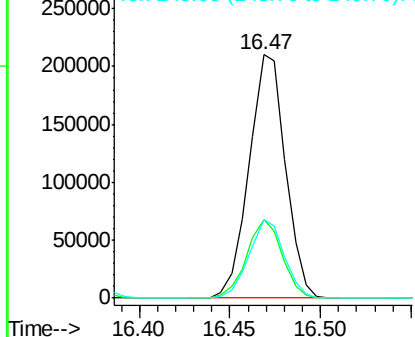


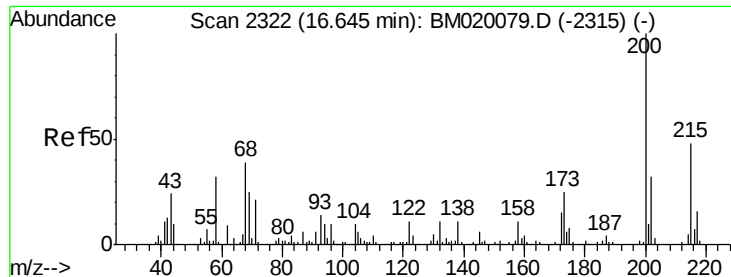
#68
Hexachlorobenzene
Concen: 40.149 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion:284 Resp: 292515
Ion Ratio Lower Upper
284 100
142 32.3 25.2 37.8
249 32.1 23.6 35.4



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

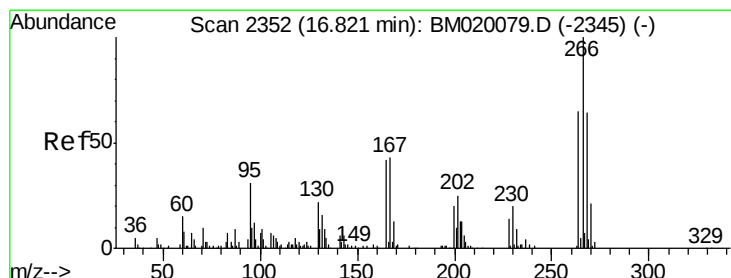
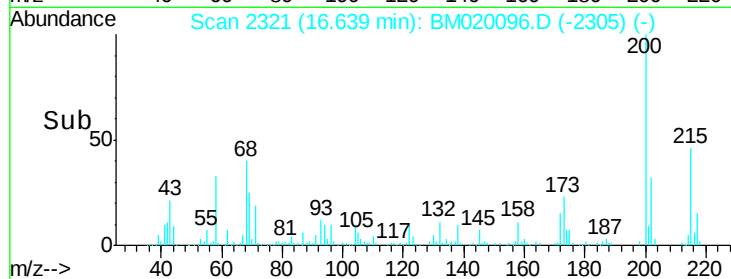
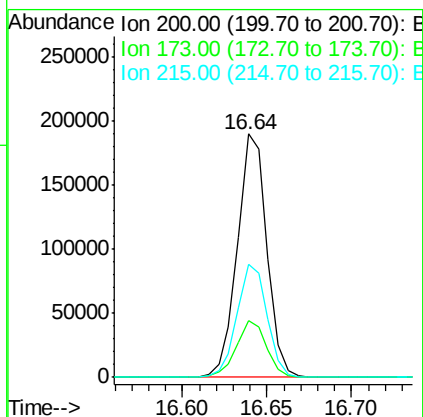
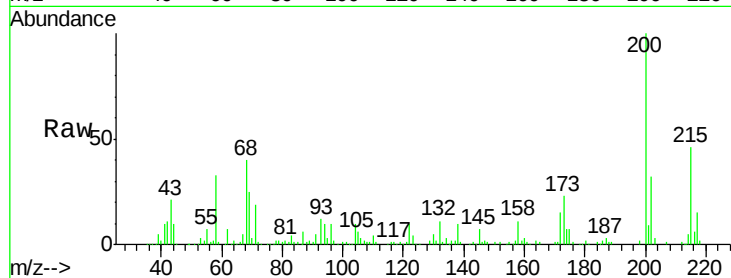




#69
Atrazine
Concen: 38.842 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

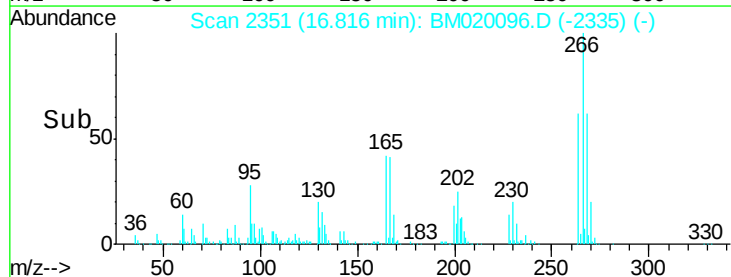
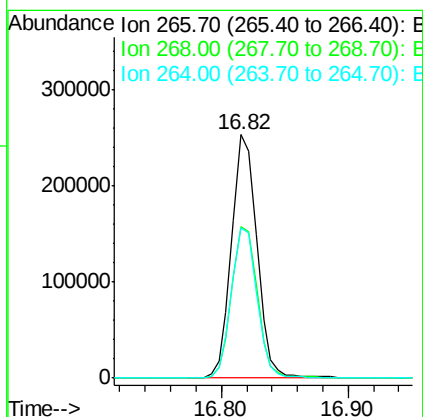
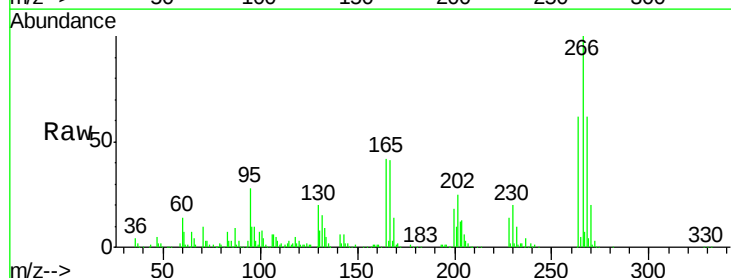
Instrument :
BNA_M
ClientSampleId :

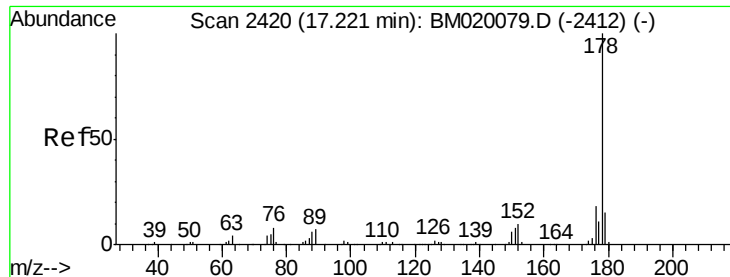
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	4.6	44.6
215	46.3	28.0	68.0



#70
Pentachlorophenol
Concen: 84.206 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.4	77.0
264	61.7	52.0	78.0

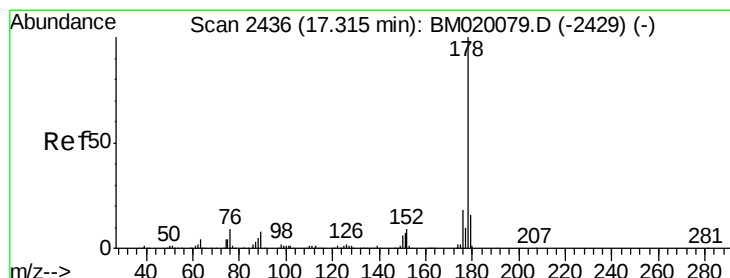
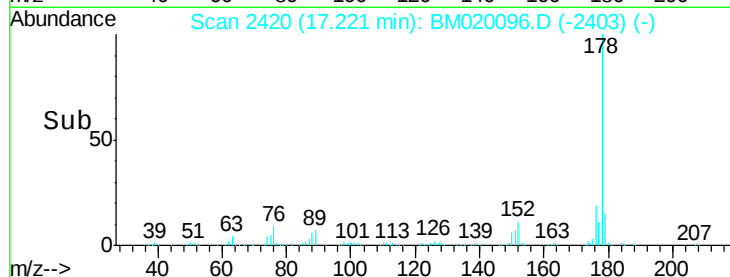
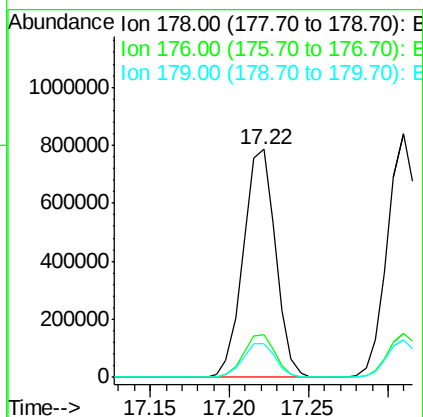
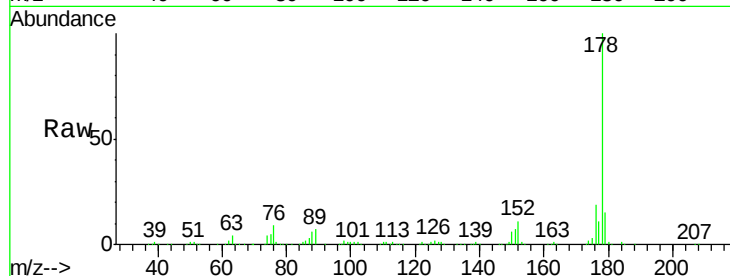




#71
Phenanthrene
Concen: 38.968 ng
RT: 17.22 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

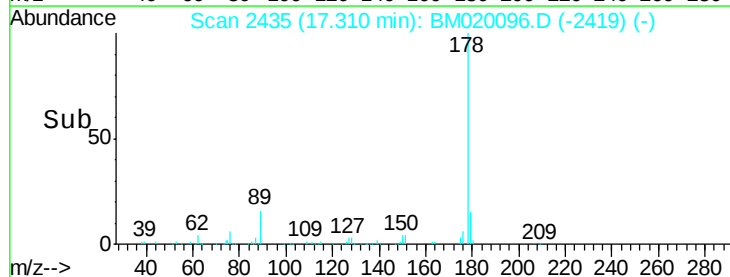
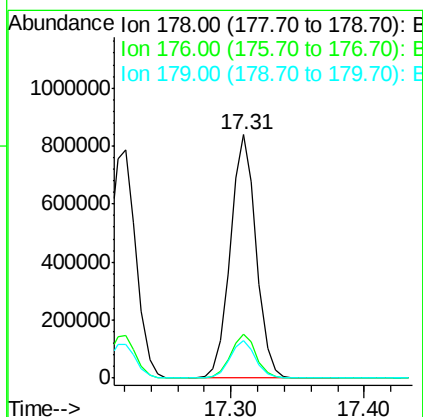
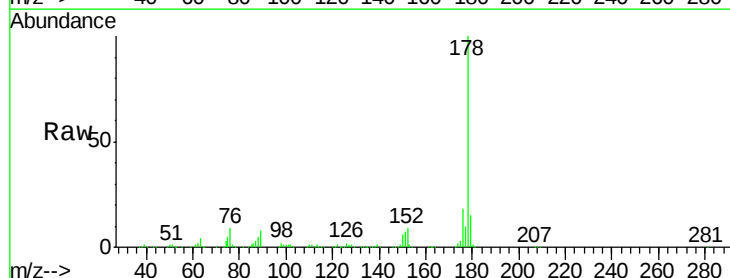
Instrument :
BNA_M
ClientSampled :

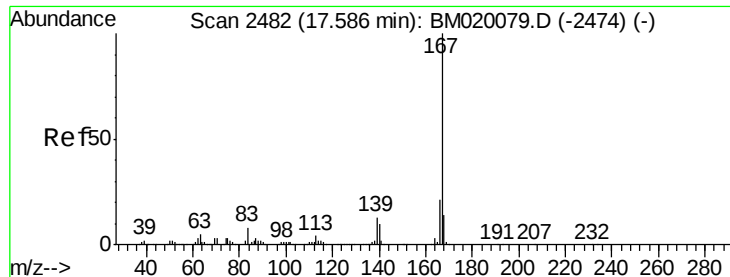
Tot Ion:178 Resp: 1110624
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 14.8 12.4 18.6



#72
Anthracene
Concen: 39.636 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion:178 Resp: 1129468
Ion Ratio Lower Upper
178 100
176 17.8 14.6 22.0
179 15.2 12.4 18.6

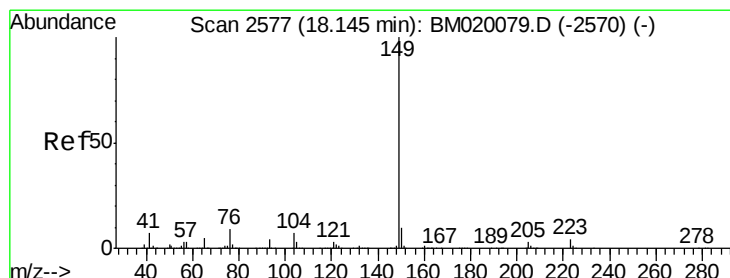
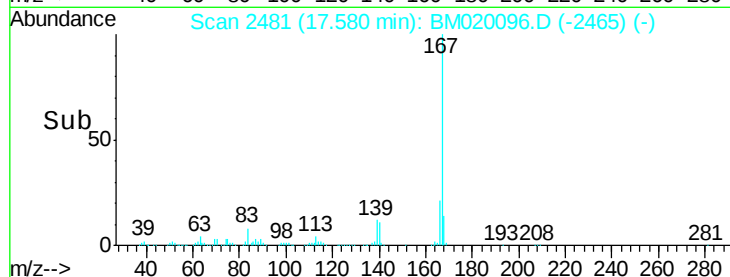
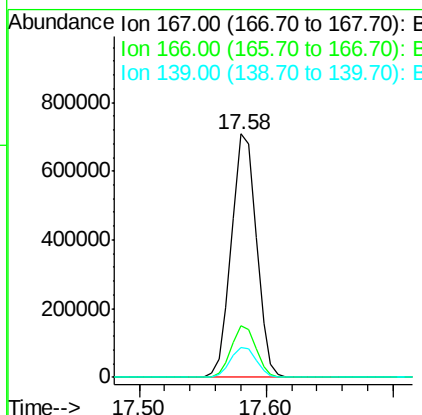
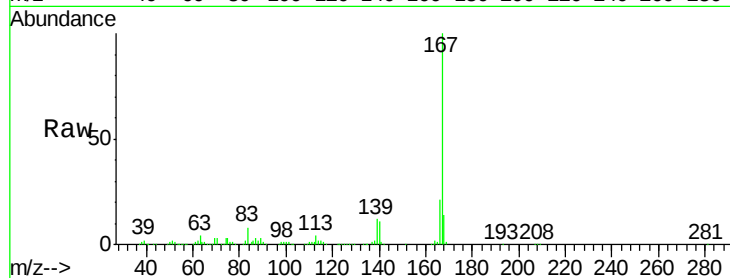




#73
 Carbazole
 Concen: 37.621 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

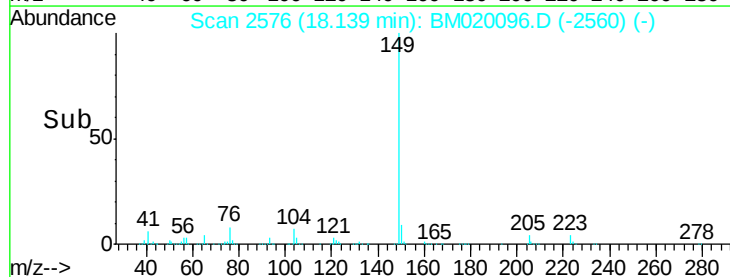
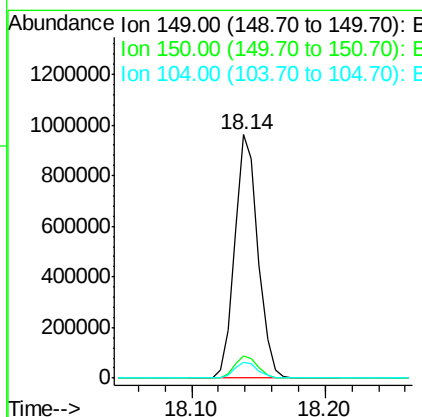
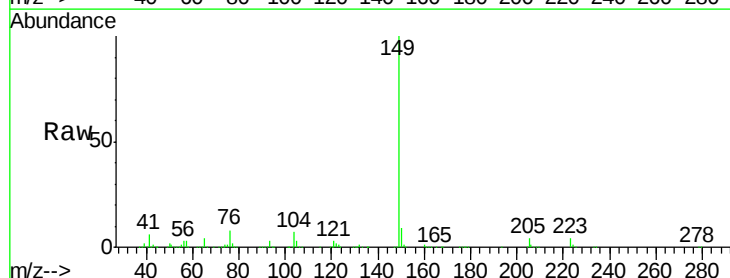
Instrument :
 BNA_M
 ClientSampleId :

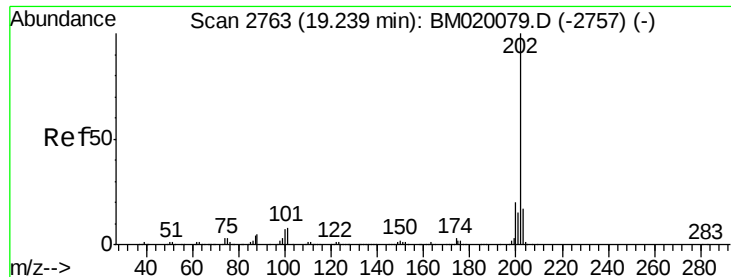
Tot Ion:167 Resp: 967311
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 37.564 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM020096.D
 Acq: 01 May 2019 18:40

Tgt Ion:149 Resp: 1162347
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 6.7 5.7 8.5





#75

Fluoranthene

Concen: 37.138 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampled :

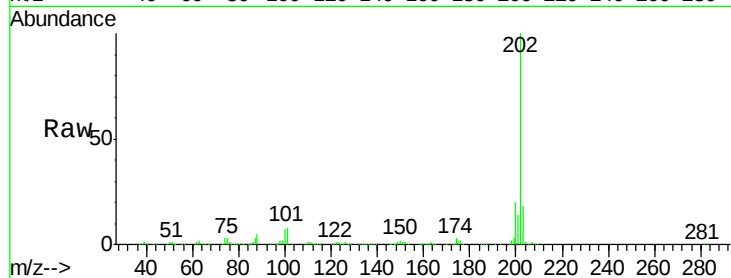
Tot Ion:202 Resp: 1339251

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.4

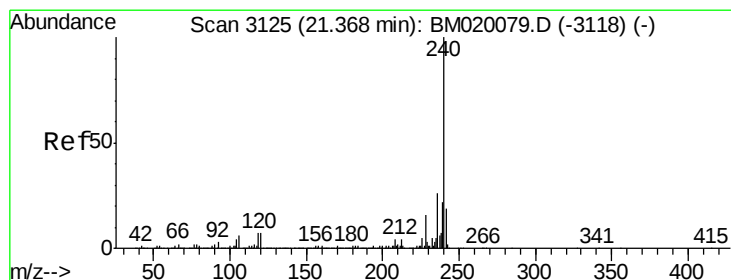
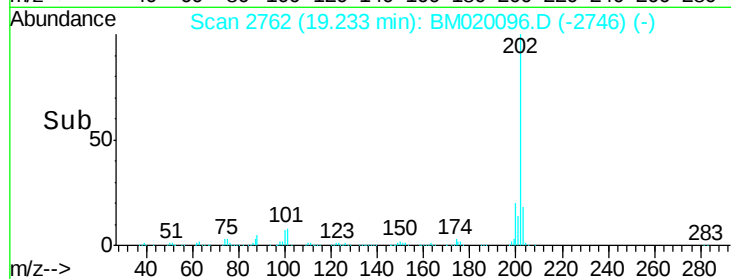
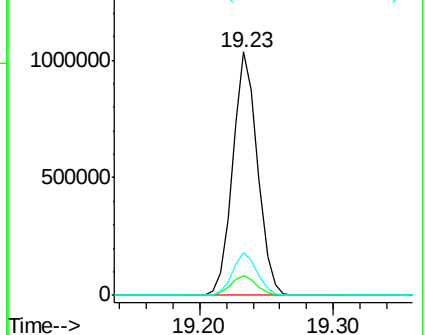
203 17.6 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

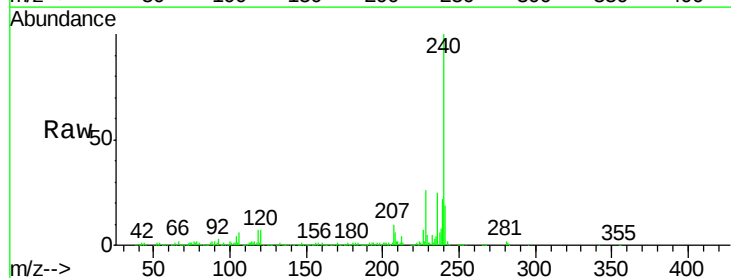
Tgt Ion:240 Resp: 516908

Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

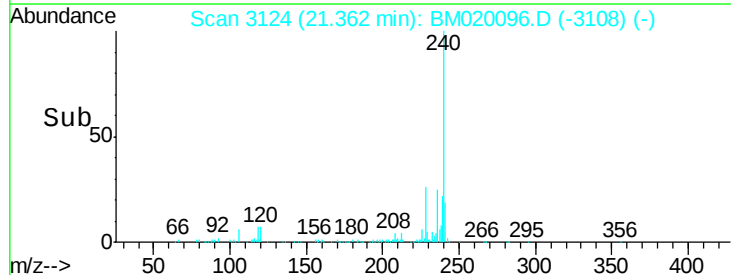
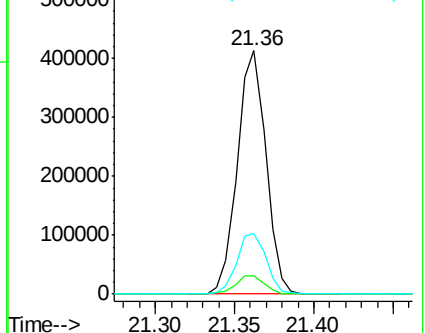
236 24.7 20.9 31.3

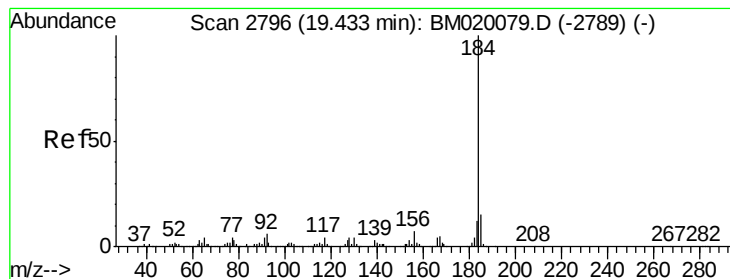


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.103 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampled :

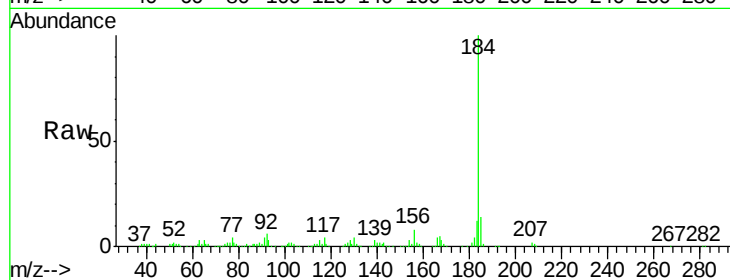
Tot Ion:184 Resp: 447905

Ion Ratio Lower Upper

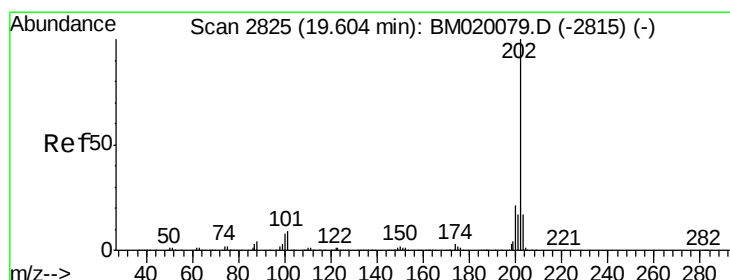
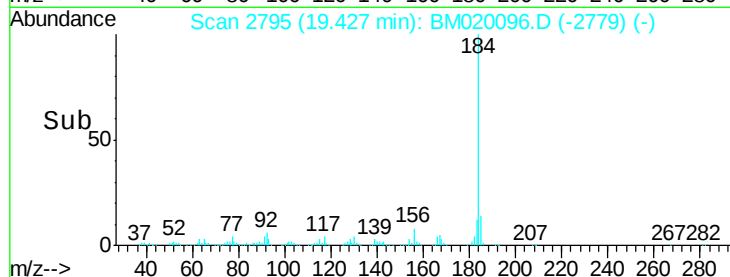
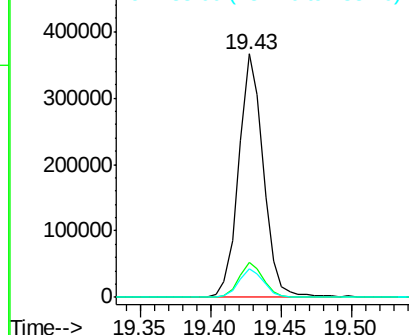
184 100

185 14.1 12.0 18.0

183 11.9 9.5 14.3



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: 39.533 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

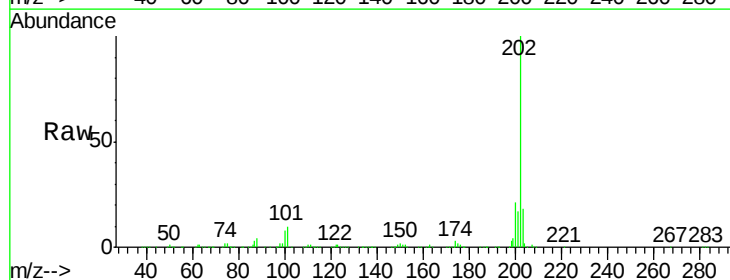
Tgt Ion:202 Resp: 1371966

Ion Ratio Lower Upper

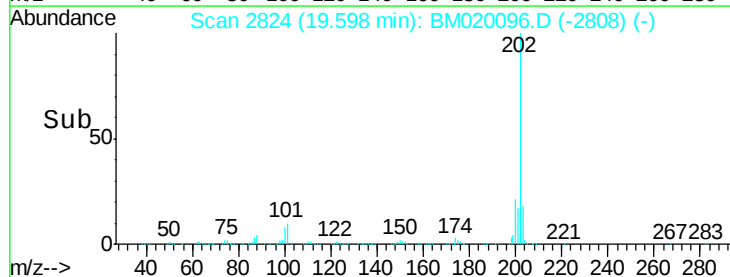
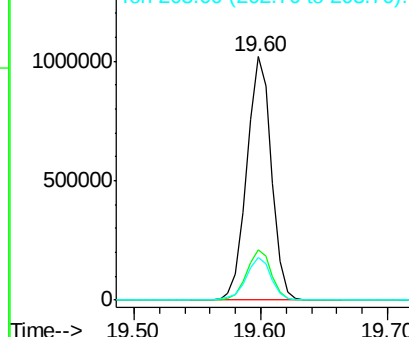
202 100

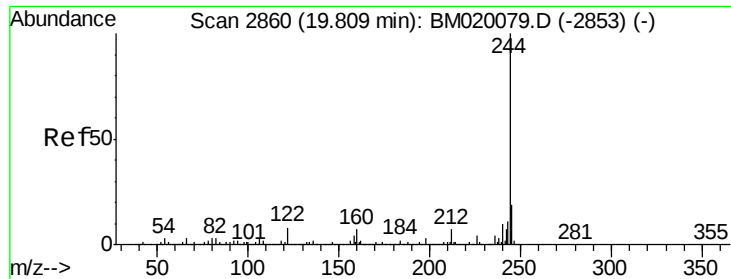
200 20.6 16.5 24.7

203 17.7 13.9 20.9



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





#79

Terphenyl-d14

Concen: 77.404 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampled :

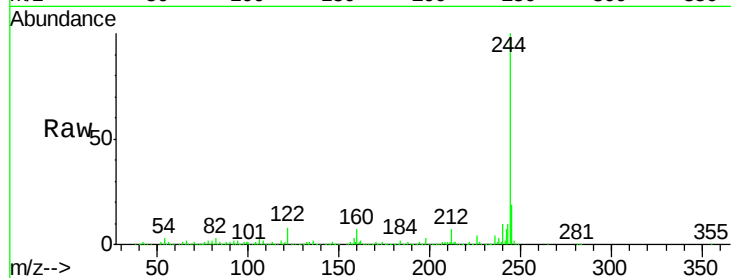
Tot Ion:244 Resp: 2293905

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

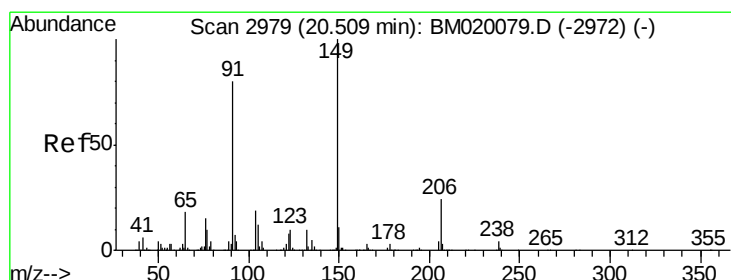
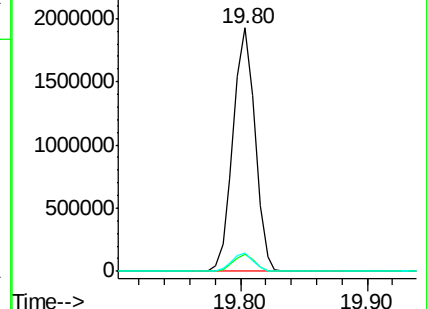
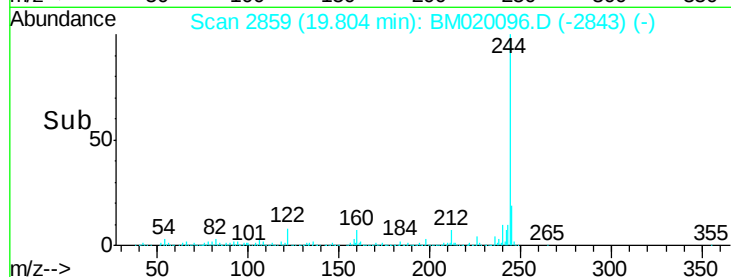
122 7.5 6.2 9.2



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: 39.253 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

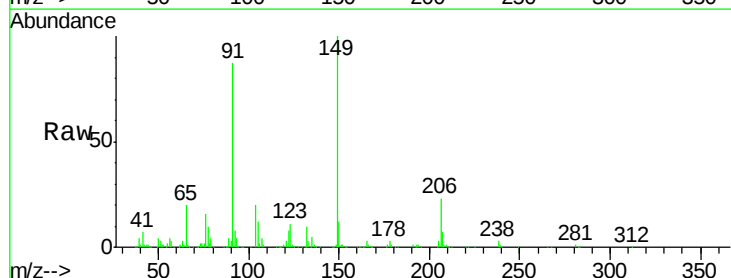
Tgt Ion:149 Resp: 495392

Ion Ratio Lower Upper

149 100

91 87.1 63.8 95.8

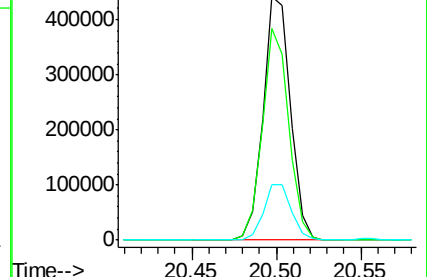
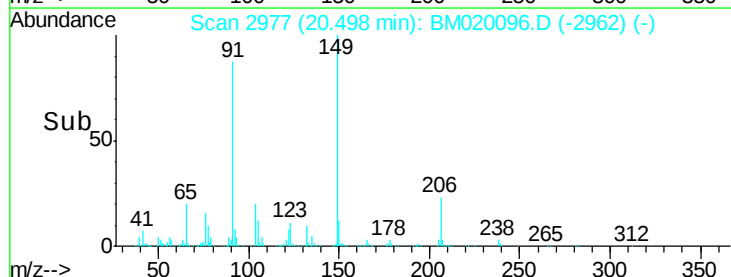
206 22.8 18.9 28.3

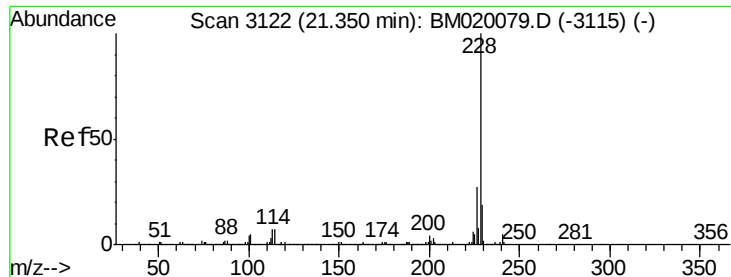


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.641 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampleId :

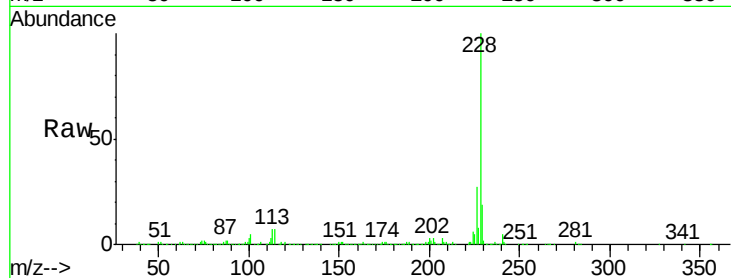
Tot Ion:228 Resp: 1364499

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.3	31.9
229	19.4	15.5	23.3

228 100

226 26.7 21.3 31.9

229 19.4 15.5 23.3

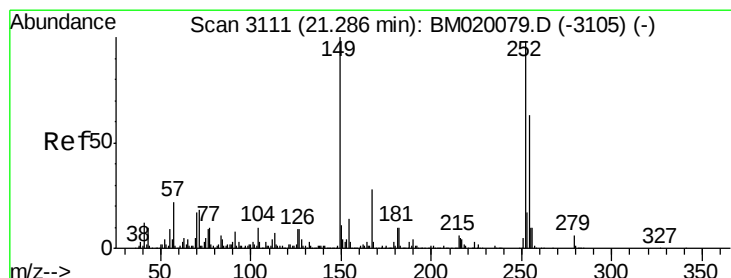
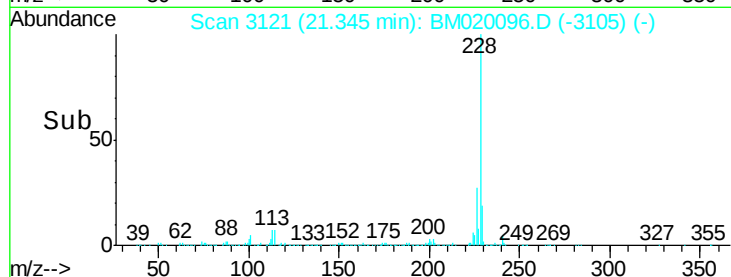
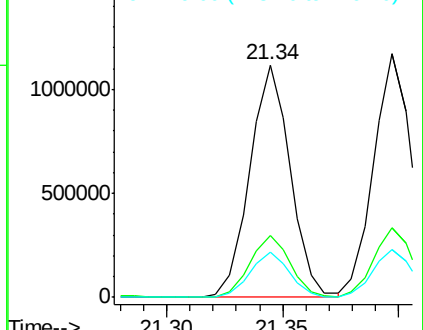


Abundance

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: 33.904 ng

RT: 21.29 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

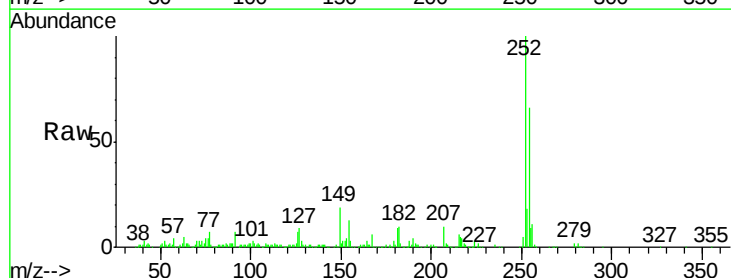
Tgt Ion:252 Resp: 469081

Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.1	76.7
126	7.4	7.1	10.7

252 100

254 65.9 51.1 76.7

126 7.4 7.1 10.7

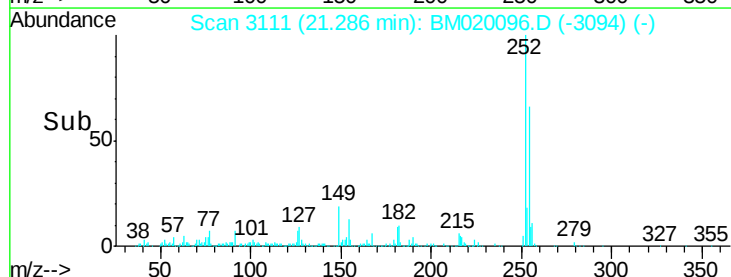
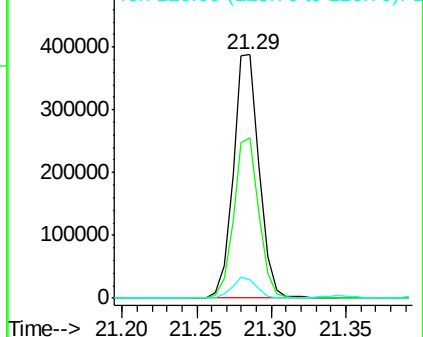


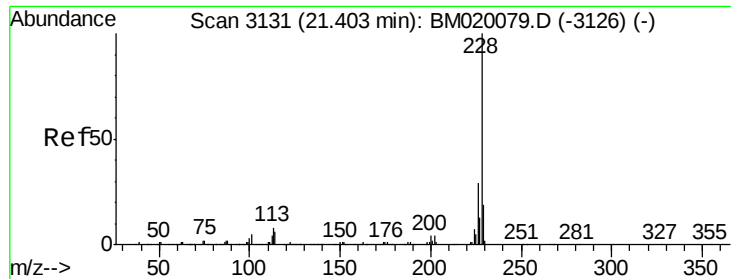
Abundance

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: 38.263 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

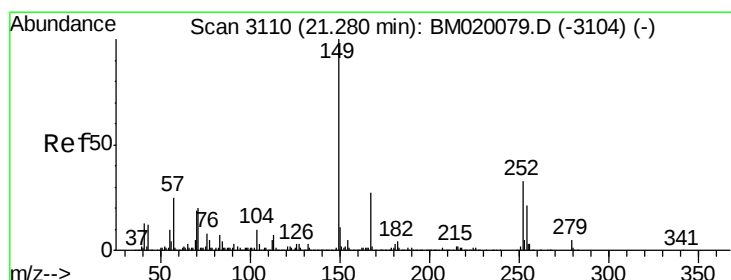
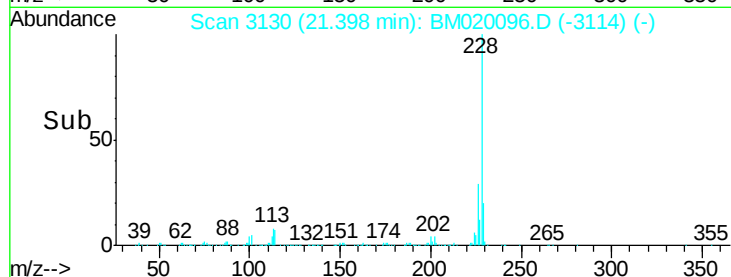
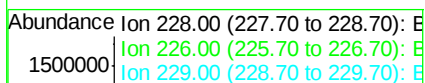
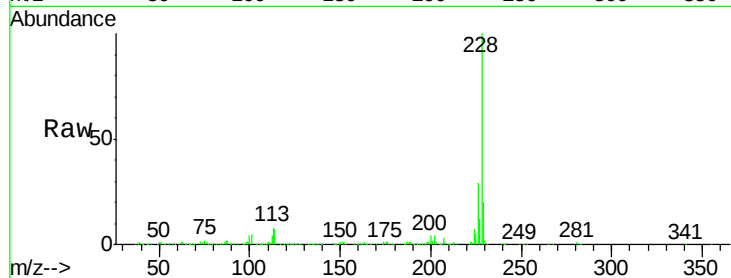
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1345201

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.7	15.5	23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.910 ng

RT: 21.27 min Scan# 3108

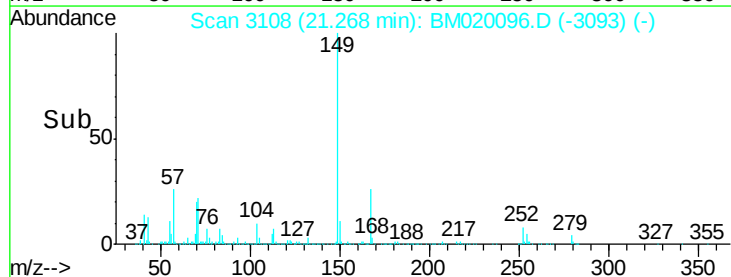
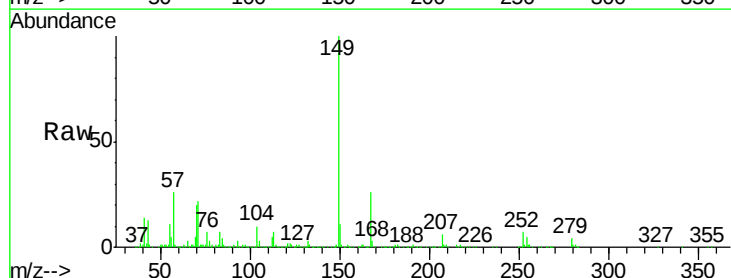
Delta R.T. -0.01 min

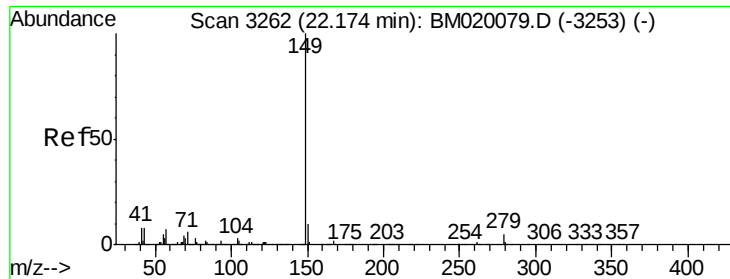
Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion:149 Resp: 742416

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.8	32.8
279	4.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 38.565 ng

RT: 22.16 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampled :

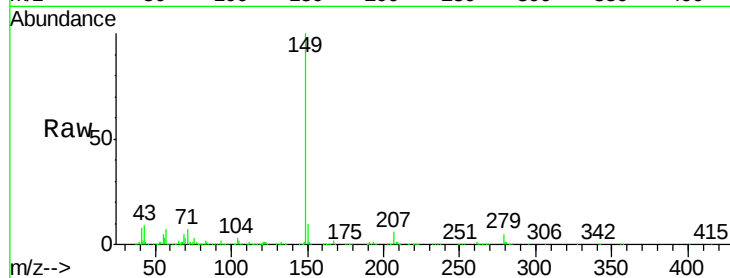
Tot Ion:149 Resp: 1255252

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

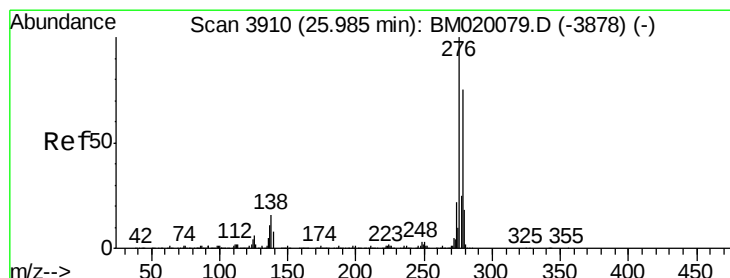
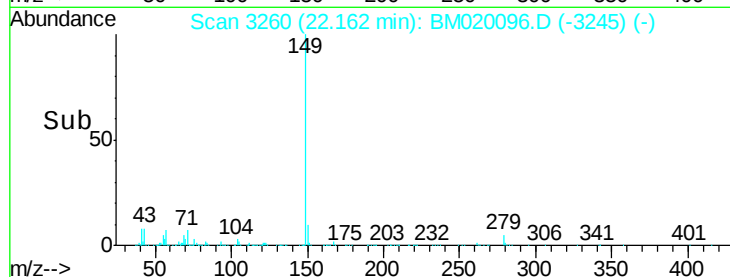
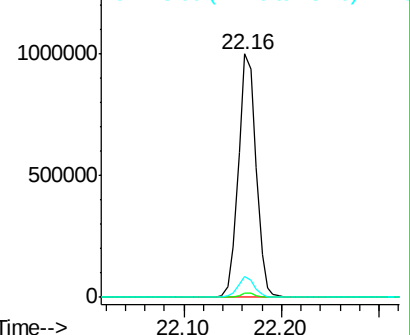
43 8.1 6.5 9.7



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: 43.179 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

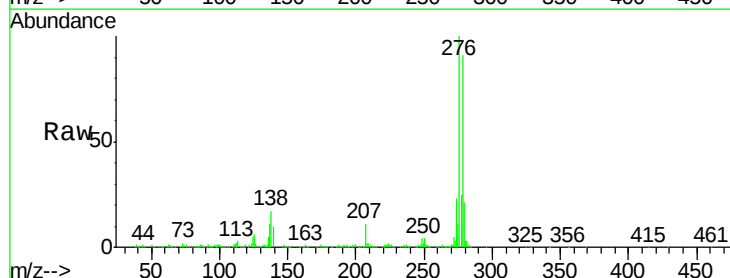
Tgt Ion:276 Resp: 1805650

Ion Ratio Lower Upper

276 100

138 16.8 0.0 0.0#

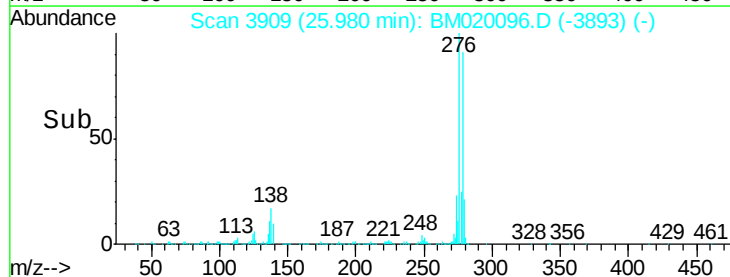
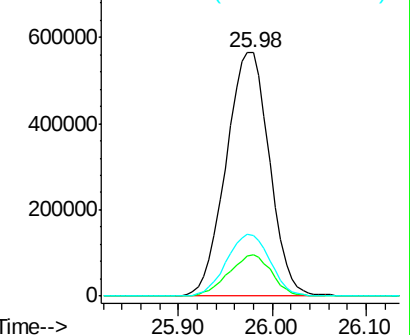
277 25.5 0.0 0.0#

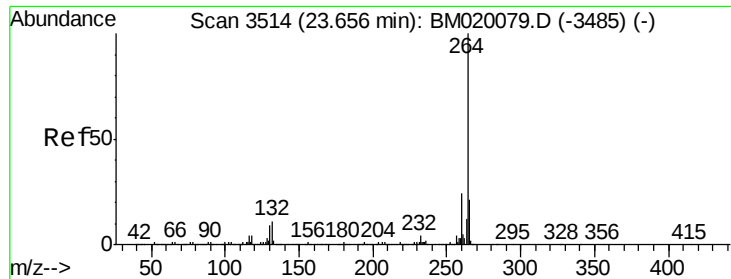


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

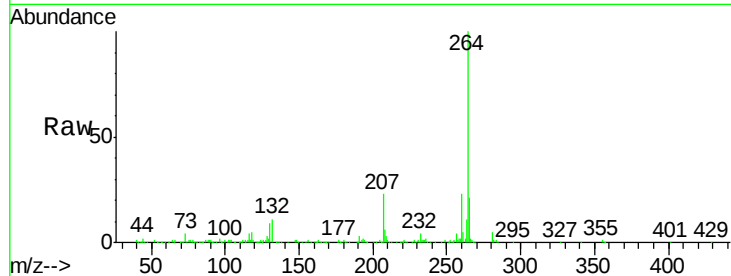
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 507285

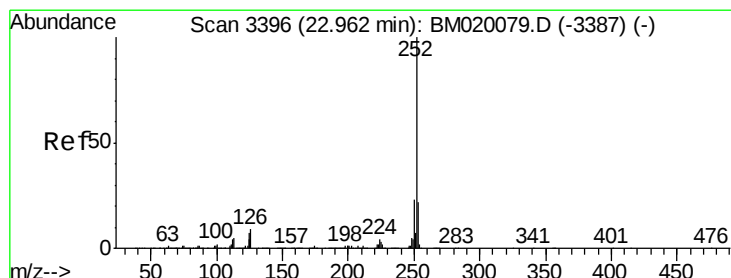
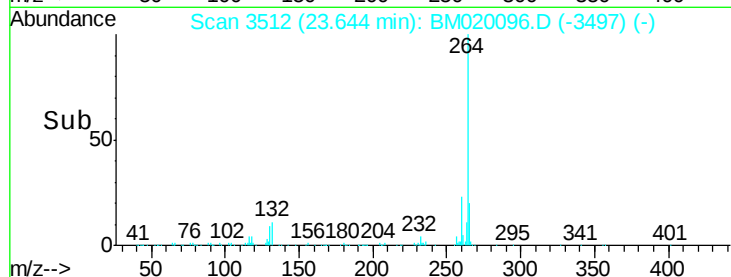
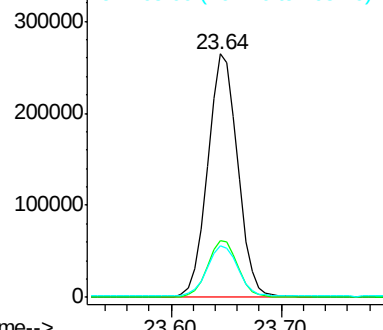
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.0	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.220 ng

RT: 22.96 min Scan# 3395

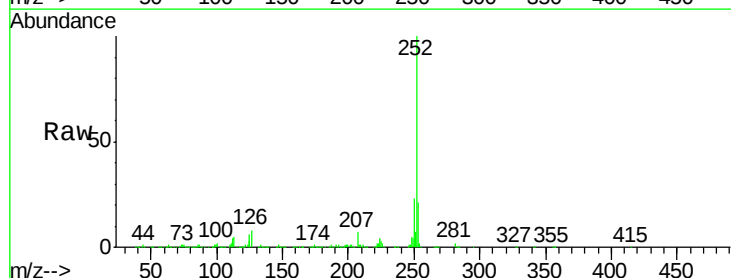
Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Tgt Ion:252 Resp: 1514808

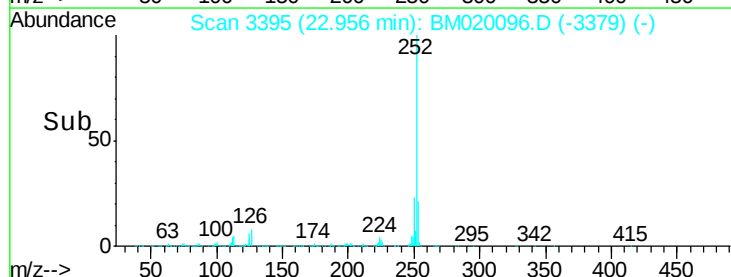
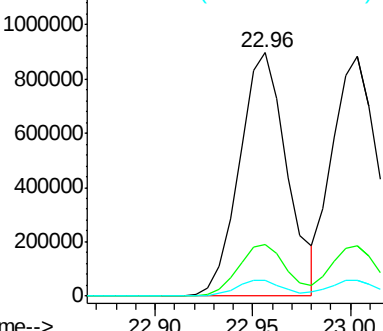
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	6.4	5.4	8.2

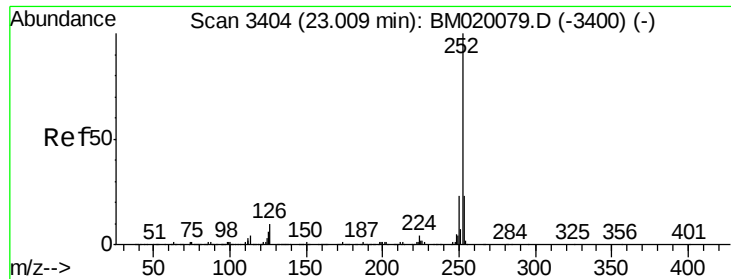


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.267 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

Instrument :

BNA_M

ClientSampleId :

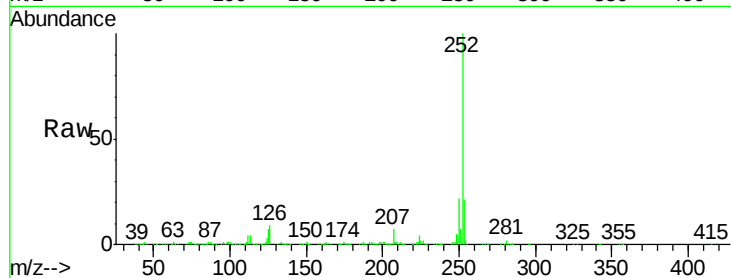
Tot Ion:252 Resp: 1413781

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

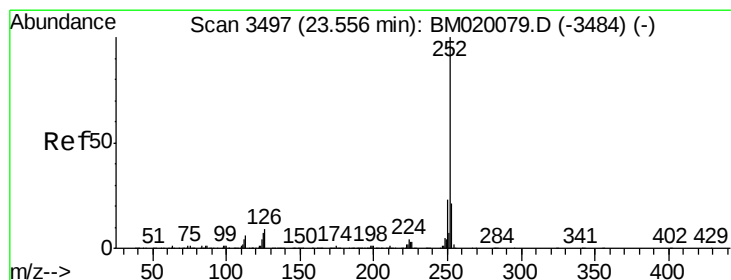
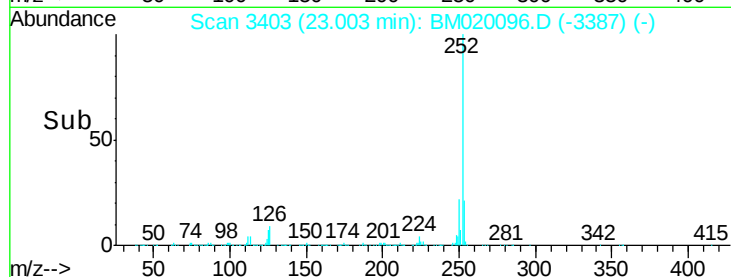
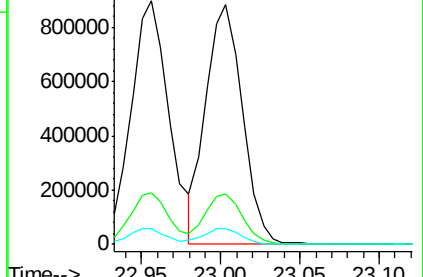
125 6.7 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.818 ng

RT: 23.54 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM020096.D

Acq: 01 May 2019 18:40

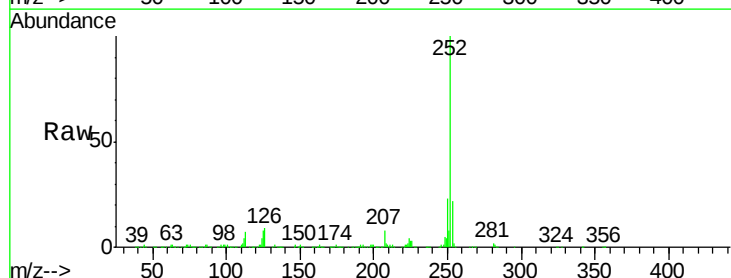
Tgt Ion:252 Resp: 1424559

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

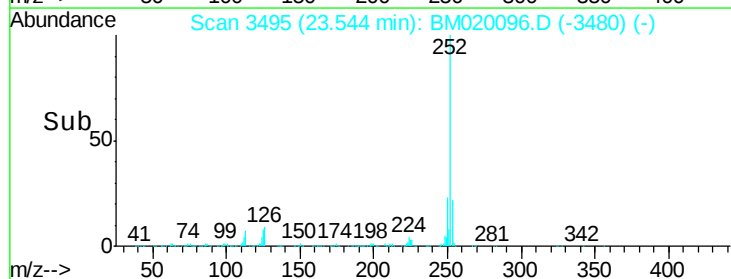
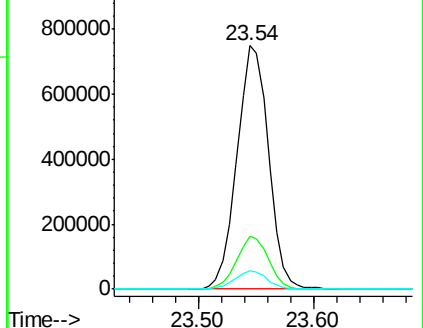
125 7.7 5.5 8.3

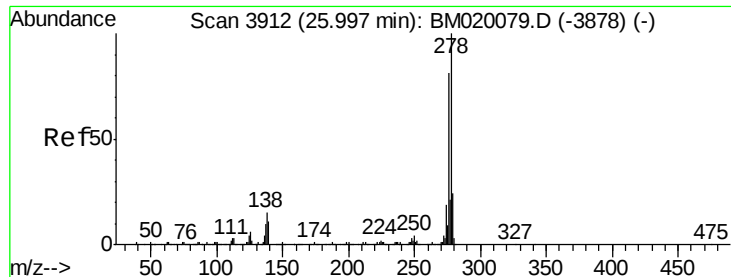


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

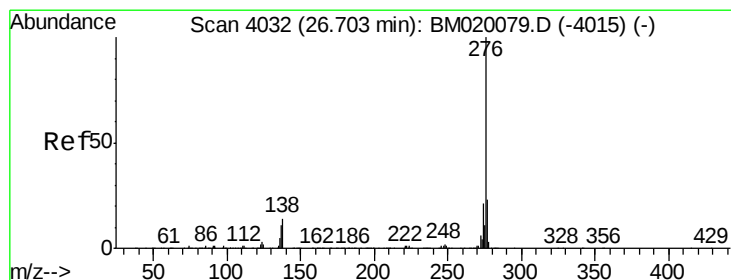
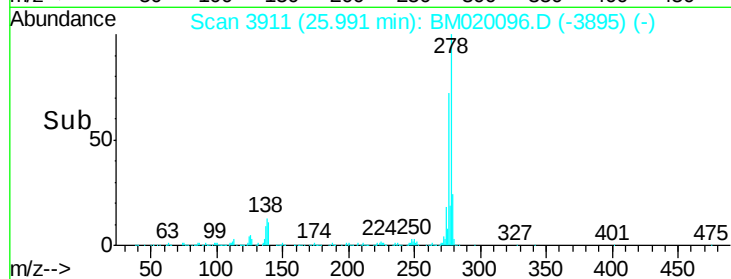
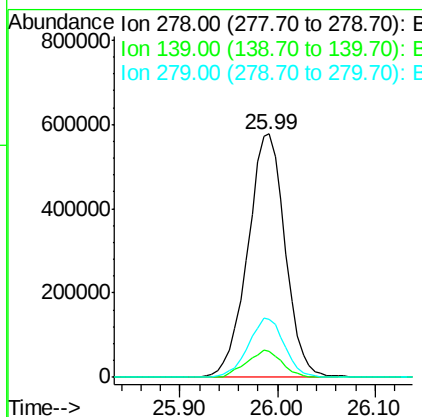
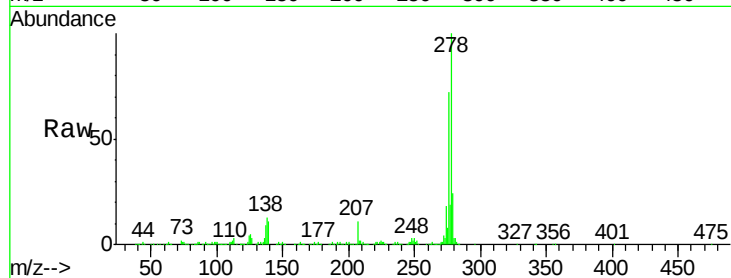




#91
Dibenzo(a,h)anthracene
Concen: 48.913 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1547764
Ion Ratio Lower Upper
278 100
139 10.7 8.6 13.0
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 50.436 ng
RT: 26.69 min Scan# 4029
Delta R.T. -0.02 min
Lab File: BM020096.D
Acq: 01 May 2019 18:40

Tgt Ion:276 Resp: 1515212
Ion Ratio Lower Upper
276 100
277 22.5 18.4 27.6
138 14.5 11.1 16.7

